Long-term Temperature Monitoring Program 1983, Newfoundland Region

D. Dobson and B. Petrie

Atlantic Oceanographic Laboratory
Ocean Science and Surveys, Atlantic
Department of Fisheries and Oceans

Bedford Institute of Oceanography
P.O. Box 1006
Dartmouth, Nova Scotia B2Y 4A2

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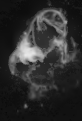

Canada

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Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Pubiications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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LONG-TERM TEMPERATURE MONITORING PROGRAM 1983, NEWFOUNDLAND REGION

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Atlantic Oceanographic Laboratory
Ocean Science and Surveys, Atlantic
Department of Fisheries and Oceans

Bedford Institute of Oceanography
P.O. Box 1006
Dartmouth, Nova Scotia
B2Y 4A2

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ABSTRACT

Dobson, D. and Petrie, B. 1984. Long-term temperature monitoring program 1983, Newfoundland Region. Can. Data Rep. Hydrogr. Ocean Sci. 21: vi + 411 p.

Temperature data collected in 1983 near the bottom at sites of productive fisheries in coastal areas of Newfoundland are presented.

RÉSUMÉ

Dobson, D. and Petrie, B. 1984. Long-term temperature monitoring program 1983, Newfoundland Region. Can. Data Rep. Hydrogr. Ocean Sci. 21: vi + 411 p.

On présente les données relatives à la température recueillies, en 1983, à proximité du fond aux endroits où la pêche est productive.

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1. INTRODUCTION

A pilot program to obtain continuous long term measurements of bottom temperature in the Scotia-Fundy and Gulf region was initiated in March 1978, primarily at the request of biologists from the St. Andrews Biological Station. Their studies indicate that water temperature has a significant influence on the growth and feeding activity of commercial invertebrates (lobster, crab and scallops). The results of the 1978 observations and data from following years are contained in Bedford Institute data reports and may be obtained from Des Dobson (Atlantic Oceanographic Laboratory, Bedford Institute of Oceanography Dartmouth, N.S.).

Temperature records have been collected in the Newfoundland region since at least 1967 and are also found in B.I.O. data reports. We present the data gathered during the 1983 field season from Newfoundland coastal area.

2. INSTRUMENTATION

The Ryan Model J thermograph has been used in the program and is described by Gregory and Dobson (1978). Site selection and mooring deployment are handled by the fisheries lab in St. John's. The Atlantic oceanographic Lab has been servicing and calibrating the instruments, digitizing and plotting the data, and making elementary calculations. Many of the Newfoundland sites are diver serviced in relatively sheltered areas.

3. MOORING SITES, DATA RETURN AND PROCESSING

The mooring sites have been divided into three areas: 1) Scotia-Fundy, 2) Gulf, 3) Newfoundland. The length of the report has required it to be divided into 2 parts with this one covering the Newfoundland region.

Tables for the mooring locations, with the corresponding area map, follow. Site names, instrument serial numbers, depths, co-ordinates, data length and location are recorded in the tables when available. Instrument loss or failure is shown in the same format using start-stop time space for remarks.

All data reduction, plotting and calculations were contracted out to Evans Computer Applications Ltd. The analogue charts were digitized every 4 hours to the nearest 0.5°C and calculations are based on these data. The calculations included daily mean temperatures and the accumulated degree days (ADD) starting with the beginning of the record. Reference temperatures, T(ref), of 0°C and 4°C were used. The first and last calculations generally include partial days (prorated to full days) depending on the time the moorings were set and recovered.

We have: ADD = $\sum$(T-T(ref))xtime where for T<T(ref), T-T(ref) = 0 and time is given in days. Table 3 gives a summary of the data return and some of the problems encountered during the field season. Table 4 gives the monthly degree calculations relative to 0°C (dividing by the number of days in a month will give the approximate average monthly temperature).

Instrument recoveries do not always coincide with the calendar year, as in the case of instruments presumed lost and later recovered. Thus, the data reported here include time series from earlier years.

REFERENCE

Gregory, D. and D. Dobson, 1978. Long Term Temperature Monitoring Program. Bedford Institute of Oceanography Data Series, BI-D-78, Sept. 1978, 12 pp.

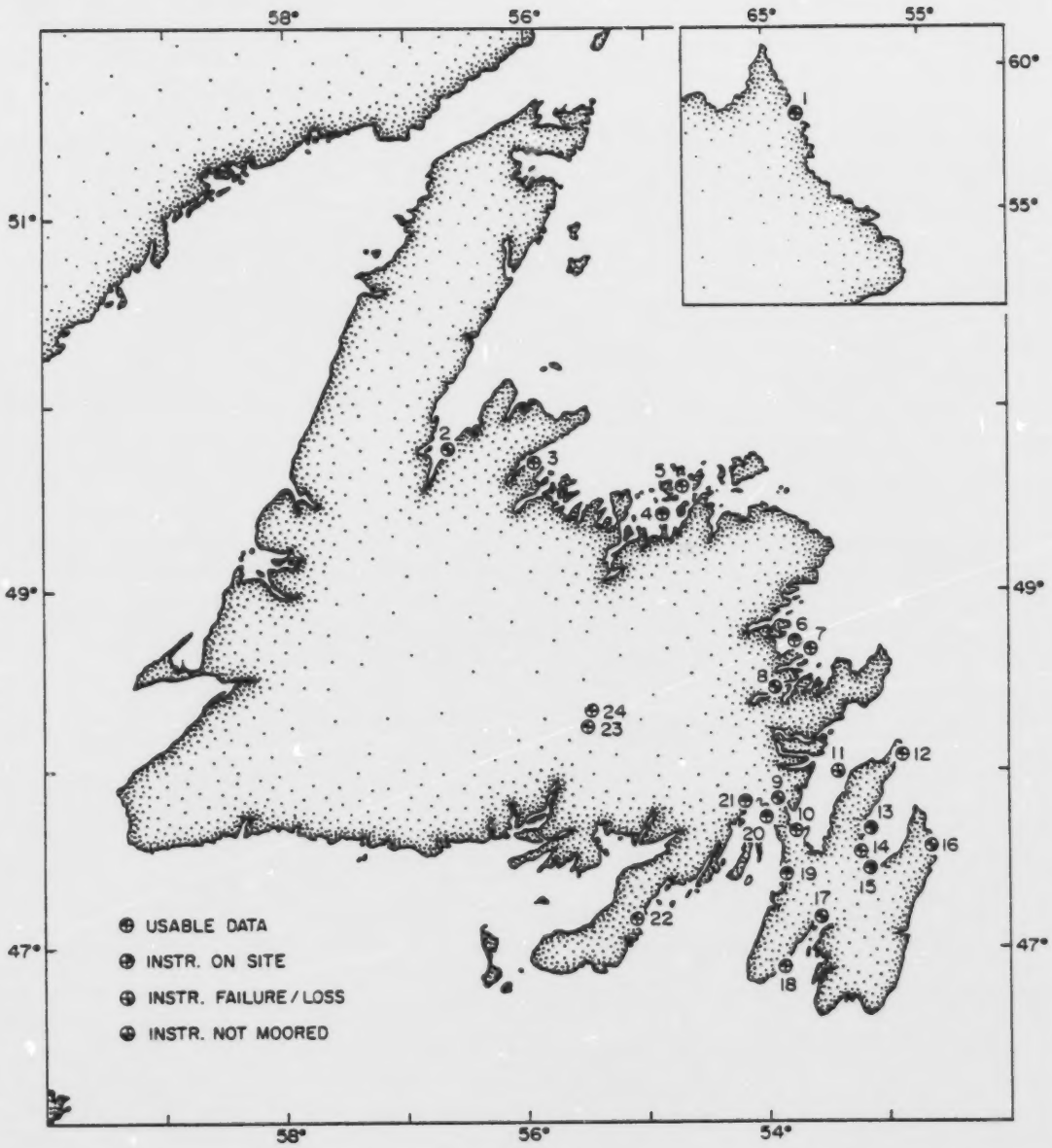
TABLES

TABLE 1

Site Designations

Area 3: Newfoundland

1	Hebron, Labrador	13	Harbour Grace
2	Westport, White Bay	14	Hibbs Cove
3	Harrys Harbour, Green Bay	15	Holyrood
4	Comfort Cove	16	Logy Bay
5	Hillgrade	17	Colinet
6	Stock Cove	18	Beckford Head
7	Salvage Bay	19	Shag Rocks
8	Terra Nova National Park	20	Arnolds Cove
9	Sunnyside	21	Garden Cove
10	Bellevue Trinity Bay	22	Little Bay, Mortier
11	Trinity Bay	23	Headwater Pond
12	Bay de Verde	24	Spruce Pond


58°
56°
65°
55°
60°
55°
51°
49°
49°
47°
47°
58°
56°
54°
1
2
3
4
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USABLE DATA
INSTR. ON SITE
INSTR. FAILURE / LOSS
INSTR. NOT MOORED

TABLE 2

Area 3: Newfoundland

Sta.	Name	Serial	Dep.	Lat.	Long.	Start Time	Stop Time
1	HEBRON LABRADOR NFLD	62549	1	58.15	63.08	Aug 12/1983	Oct 3/1983
2A	WESTPORT WHITE BAY NFLD	62471	10	49.77	56.63	May 25/1983	Oct 20/1983
2B	WESTPORT WHITE BAY NFLD	62489	1	49.77	56.63	Moored May-Oct. Data unusable.	
2C	WESTPORT WHITE BAY NFLD	60736	1	49.77	56.63	Oct 17/1983	Dec 28/1983
2D	WESTPORT WHITE BAY NFLD	61656	10	49.77	56.63	Oct 20/1983	Dec 28/1983
3A	HARRYS HARBOUR NFLD	60914	1	49.70	55.93	June 8/1983	Oct 3/1983
3B	HARRYS HARBOUR NFLD	61684	10	49.70	55.93	June 9/1983	July 17/1983
3C	HARRYS HARBOUR NFLD	62510	10	49.70	55.93	July 28/1983	Sept 15/1983
3D	HARRYS HARBOUR NFLD	62448	1	49.70	55.93	Oct 3/1983	Dec 13/1983
3E	HARRYS HARBOUR NFLD	61664	10	49.70	55.93	Oct 3/1983	Nov 7/1983
4A	COMFORT COVE NFLD	62544	9	49.41	54.83	Dec 17/1982	May 12/1983
4B	COMFORT COVE NFLD	62548	9	49.41	54.83	Dec 17/1982	May 12/1983
4C	COMFORT COVE NFLD	61651	9	49.41	54.83	May 2/ 983	Aug 8/1983
4D	COMFORT COVE NFLD	62473	9	49.41	54.83	May 12/1983	Aug 18/1983
4E	COMFORT COVE NFLD	61651	9	49.41	54.83	Aug 18/1983	Dec 7/1983
4F	COMFORT COVE NFLD	62473	9	49.41	54.83	Aug 18/1983	Dec 7/1983
4G	COMFORT COVE NFLD	61682	9	49.41	54.83	Moored Dec. On site.	
4H	COMFORT COVE NFLD	61688	9	49.41	54.83	Moored Dec. On site.	
5A	HILLGRADE NFLD	61618	10	49.57	54.70	June 9/1983	Oct 5/1983
5B	HILLGRADE NFLD	62475	1	49.57	54.70	June 9/1983	Oct 7/1983
6A	STOCK COVE NFLD	62507	9	48.71	53.76	Dec 16/1982	May 11/1983
6B	STOCK COVE NFLD	61648	9	48.71	53.76	Dec 16/1982	May 11/1983
6C	STOCK COVE NFLD	62477	9	48.71	53.76	May 12/1983	Aug 19/1983
6D	STOCK COVE NFLD	62499	9	48.71	53.76	May 12/1983	Aug 19/1983
6E	STOCK COVE NFLD	62477	9	48.71	53.76	Aug 19/1983	Dec 6/1983
6F	STOCK COVE NFLD	62499	9	48.71	53.76	Aug 19/1983	Sept 18/1983
6G	STOCK COVE NFLD	62452	9	48.71	53.76	Moored Dec. On site.	
6H	STOCK COVE NFLD	62457	9	48.71	53.76	Moored Dec. On site.	
7A	SALVAGE BAY NFLD	60734	1	48.68	53.65	June 1/1983	Oct 18/1983
7B	SALVAGE BAY NFLD	61670	10	48.68	53.65	June 1/1983	Oct 18/1983
7C	SALVAGE BAY NFLD	62548	1	48.68	53.65	Oct 18/1983	Jan 2/1984
7D	SALVAGE BAY NFLD	62544	10	48.68	53.65	Oct 18/1983	Jan 2/1984
8A	TERRA NOVA NAT. PARK NFLD	62552	10	48.47	53.93	Dec 8/1982	May 4/1983
8B	TERRA NOVA NAT. PARK NFLD	62508	20	48.47	53.93	Dec 8/1982	Apr 17/1983
8C	TERRA NOVA NAT. PARK NFLD	62540	33	48.47	53.93	Nov 17/1982	May 5/1983
8D	TERRA NOVA NAT. PARK NFLD	62457	10	48.47	53.93	May 4/1983	Oct 14/1983
8E	TERRA NOVA NAT. PARK NFLD	60989	20	48.47	53.93	May 4/1983	Oct 10/1983
8F	TERRA NOVA NAT. PARK NFLD	61656	20	48.47	53.93	Aug 10/1982	Aug 12/1982
8G	TERRA NOVA NAT. PARK NFLD	62486	33	48.47	53.93	Moored May, rep. lost.	
9A	SUNNYSIDE NFLD	61625	10	47.85	53.92	Oct 5/1982	Feb 24/1983
9B	SUNNYSIDE NFLD	62493	20	47.85	53.92	Oct 5/1982	Feb 24/1983
9C	SUNNYSIDE NFLD	60860	33	47.85	53.92	Oct 6/1982	Nov 20/1982
9D	SUNNYSIDE NFLD	62479	10	47.85	53.92	Feb 24/1983	July 18/1983
9E	SUNNYSIDE NFLD	62485	20	47.85	53.92	Feb 24/1983	June 5/1983
9F	SUNNYSIDE NFLD	60753	33	47.85	53.92	Feb 24/1983	May 30/1983
9G	SUNNYSIDE NFLD	61031	10	47.85	53.92	July 18/1983	Nov 16/1983
9H	SUNNYSIDE NFLD	61634	20	47.85	53.92	Aug 17/1983	Nov 15/1983
9I	SUNNYSIDE NFLD	60916	33	47.85	53.92	July 19/1983	Nov 10/1983
9J	SUNNYSIDE NFLD	61639	N/R	47.85	53.92	Moored June'82, rep. lost.	
10	BELLEVUE TRINITY B. NFLD	61055	1	47.64	53.75	May 25/1983	Oct 20/1983

TABLE 2 (cont'd)

Sta.	Name	Serial	Dep.	Lat.	Long.	Start Time	Stop Time
11A	TRINITY BAY NFLD	62877	N/R	48.00	53.41	Twelve instruments	
11B	TRINITY BAY NFLD	62878	N/R	48.00	53.41	moored on two lines.	
11C	TRINITY BAY NFLD	62881	N/R	48.00	53.41	All twelve reported lost,	
11D	TRINITY BAY NFLD	62883	N/R	48.00	53.41	one recovered by a	
11E	TRINITY BAY NFLD	62884	N/R	48.00	53.41	fisherman.	
11F	TRINITY BAY NFLD	62885	N/R	48.00	53.41	As above.	
11G	TRINITY BAY NFLD	62886	N/R	48.00	53.41	As above.	
11H	TRINITY BAY NFLD	62890	N/R	48.00	53.41	As above.	
11I	TRINITY BAY NFLD	62891	N/R	48.00	53.41	As above.	
11J	TRINITY BAY NFLD	62892	N/R	48.00	53.41	As above.	
11K	TRINITY BAY NFLD	62894	N/R	48.00	53.41	As above.	
11L	TRINITY BAY NFLD	62888	N/R	48.00	53.41	Recovered Dec. by fisherman.	
12	BAY DE VERDE NFLD	62544	N/R	48.10	52.88	Moored May,data not returned.	
13A	HARBOUR GRACE NFLD	62476	6	47.68	53.24	July 6/1983	Dec 13/1983
13B	HARBOUR GRACE NFLD	62483	6	47.68	53.24	Moored May, rep. lost Dec.	
13C	HARBOUR GRACE NFLD	62871	6	47.68	53.24	Moored Dec. On site.	
14	HIBBS COVE NFLD	62548	19	47.53	53.25	June 9/1983	June 29/1983
15A	HOLYROOD NFLD	60990	N/R	47.42	53.17	May 16/1980	Nov 15/1980
15B	HOLYROOD NFLD	60732	N/R	47.42	53.17	May 16/1980	Nov 15/1980
15C	HOLYROOD NFLD	61470	N/R	47.42	53.17	Two instr. on same moorins;	
15D	HOLYROOD NFLD	62478	N/R	47.42	53.17	moored Ap., rep. lost Oct.	
15E	HOLYROOD NFLD	61636	N/R	47.42	53.17	Moored Oct. On site.	
15F	HOLYROOD NFLD	61684	N/R	47.42	53.17	Moored Oct. On site.	
16A	LOGY BAY NFLD	60736	34	47.58	52.67	Oct 18/1982	Mar 14/1983
16B	LOGY BAY NFLD	62549	N/R	47.58	52.67	Del. Dec.'82, rep. lost.	
16C	LOGY BAY NFLD	61635	35	47.58	52.67	Moored May,lost Oct in storm.	
17A	COLINET NFLD	61031	6	47.19	53.58	Dec 6/1982	May 6/1983
17B	COLINET NFLD	62492	16	47.19	53.58	May 26/1983	Oct 5/1983
17C	COLINET NFLD	61672	6	47.19	53.58	May 6/1983	Oct 6/1983
17D	COLINET NFLD	61049	16	47.19	53.58	Del. Nov'82, rep. lost.	
18	BECKFORD HEAD NFLD	62507	1	46.89	53.87	June 21/1983	July 20/1983
19A	SHAG ROCKS NFLD	61613	14	47.42	53.83	Apr 16/1981	Oct 11/1981
19B	SHAG ROCKS NFLD	61052	9	47.42	53.83	Nov 23/1982	Apr 22/1983
19C	SHAG ROCKS NFLD	62542	9	47.42	53.83	Nov 23/1982	Apr 22/1983
19D	SHAG ROCKS NFLD	62494	9	47.42	53.83	Apr 22/1983	Oct 5/1983
19E	SHAG ROCKS NFLD	62500	9	47.42	53.83	Moored Oct. On site.	
19F	SHAG ROCKS NFLD	62889	9	47.42	53.83	Moored Oct. On site.	
19G	SHAG ROCKS NFLD	62452	9	47.42	53.83	Apr 22/1983	Oct 6/1983
20A	ARNOLDS COVE NFLD	62459	9	47.75	54.00	Feb 1/1983	June 1/1983
20B	ARNOLDS COVE NFLD	62483	9	47.75	54.00	Feb 1/1983	June 1/1983
20C	ARNOLDS COVE NFLD	62490	9	47.75	54.00	June 1/1983	Oct 3/1983
20D	ARNOLDS COVE NFLD	62462	9	47.75	54.00	June 1/1983	Oct 3/1983
20E	ARNOLDS COVE NFLD	61470	9	47.75	54.00	Sept 29/1982	Jan 31/1983
20F	ARNOLDS COVE NFLD	61688	9	47.75	54.00	Sept 14/1982	Feb 1/1983
20G	ARNOLDS COVE NFLD	61665	9	47.75	54.00	Moored Oct. On site.	
20H	ARNOLDS COVE NFLD	62911	9	47.75	54.00	Moored Oct. On site.	
21A	GARDEN COVE NFLD	62502	10	47.84	54.16	Dec 16/1982	May 11/1983
21B	GARDEN COVE NFLD	61666	10	47.84	54.16	Dec 16/1982	May 11/1983
21C	GARDEN COVE NFLD	62465	10	47.84	54.16	May 10/1983	Oct 13/1983
21D	GARDEN COVE NFLD	62482	10	47.84	54.16	May 10/1983	Oct 13/1983
21E	GARDEN COVE NFLD	61659	10	47.84	54.16	Moored Oct. On site.	
21F	GARDEN COVE NFLD	62919	10	47.84	54.16	Moored Oct. On site.	
22	LITTLE BAY MORTIER NFLD	62488	6	47.16	55.11	Aug 31/1982	Feb 7/1983
23	HEADWATER POND NFLD	62895	1	48.28	55.49	May 18/1983	Oct 4/1983
24	SPRUCE POND NFLD	62896	1	48.32	55.47	May 18/1983	Oct 4/1983

TABLE 3

Summary of Data Return & Loss

Deployments	91
Instruments lost	19
Usable data (days)	8326
Unusable or missing data (days)	414
Average mooring period (days)	93
Inst. lost & average mooring period (days)	1761
% data return (lost omitted)	95
% data return (lost included)	79
Inst. with mechanical or electrical failure	5
Inst. adrift but recovered	1

TABLE 4

Monthly degree calculations relative to 0°C

Station	Dp	82/09	82/10	82/11	82/12	83/01	83/02	83/03	83/04	83/05	83/06	83/07	83/08
HEBRON LABRADOR	1												199*
WESTPORT WHITE BAY NFLD	1										147	291	318
WESTPORT WHITE BAY NFLD	10										157*	298	371
HARRYS HARBOUR NFLD	1										110*	244*	293
HARRYS HARBOUR NFLD	10				1*	0	0	0	0	60	68	223	364
COMFORT COVE NFLD	9										126*	269	392
HILLGRADE NFLD	10										274*	402	416
HILLGRADE NFLD	1				18*	1	0	0	0	54	146	218	334
STOCK COVE NFLD	9										191	308	372
SALVAGE BAY NFLD	1										153	213	341
SALVAGE BAY NFLD	10				18*	0	0	0	0	63	163	209	308
TERRA NOVA NATIONAL PARK NFLD	10				53*	28	2	0	0*	47*	125	145	251
TERRA NOVA N. PARK NFLD	20			102*	50	10	0	0	0				
TERRA NOVA NATIONAL PARK NFLD	33		303*	169	71	34	6	0	6	69	140	239	244
SUNNYSIDE NFLD	10		315*	186	106	70	32	0	0	31			156*
SUNNYSIDE NFLD	20		256*	151*				0	0	5*		59*	117
SUNNYSIDE NFLD	33										249*	347	334
BELLEVUE TRINITY BAY NFLD	1											204*	224
HARBOUR GRACE NFLD	6										100*		
HIBBS COVE NFLD.	19												
LOGY BAY	34		218*	153	48	4	0	0*					
COLINET NFLD	6				128*	76	41	27	54	112	219	442	422
COLINET NFLD	16										154	349	363
BECKFORD HEAD ST. MARY'S BAY	1										218*	300*	
SHAG ROCKS NFLD	9				100	32	5	0	12	61	181	380	395
ARNOLDS COVE NFLD	9	386*	233	206	112	42	14	3	22	78	219	417	440
GARDEN COVE NFLD	10				74*	27	6	0	8	104	215	434	464
LITTLE BAY MORTIER NFLD	6	352	304	207	129	69							
HEADWATER POND NFLD	1									321*	458	579	526
SPRUCE POND NFLD	1									307*	447	562	505

* Indicates calculation based on less than a full month of data

TABLE 4

Monthly degree calculations relative to 0°C

Station	Dp	83/09	83/10	83/11	83/12
HEBRON LABRADOR	1	78			
WESTPORT WHITE BAY NFLD	1		206*	108	37*
WESTPORT WHITE BAY NFLD	10	307	227	79	14*
HARRYS HARBOUR NFLD	1	332	255	128	66*
HARRYS HARBOUR NFLD	10	284*	214*		
COMFORT COVE NFLD	9	330	284	148	
HILLGRADE NFLD	10	359			
HILLGRADE NFLD	1	373			
STOCK COVE NFLD	9	330	290	131	
SALVAGE BAY NFLD	1	353	300	132	25
SALVAGE BAY NFLD	10	336	289	125	24
TERRA NOVA NATIONAL PARK NFLD	10	348	344*		
TERRA NOVA N. PARK NFLD	20	330	354*		
TERRA NOVA NATIONAL PARK NFLD	33				
SUNNYSIDE NFLD	10	332	332	236*	
SUNNYSIDE NFLD	20	254	280	196*	
SUNNYSIDE NFLD	33	236	286	204*	
BELLEVUE TRINITY BAY NFLD	1	367	351*		
HARBOUR GRACE NFLD	6	266	247	121	70
HIBBS COVE NFLD.	19				
LOGY BAY	34				
COLINET NFLD	6	347			
COLINET NFLD	16	332			
BECKFORD HEAD ST. MARY'S BAY	1				
SHAG ROCKS NFLD	9	326			
ARNOLDS COVE NFLD	9	358			
GARDEN COVE NFLD	10	366	344*		
LITTLE BAY MORTIER NFLD	6				
HEADWATER POND NFLD	1	420			
SPRUCE POND NFLD	1	412			

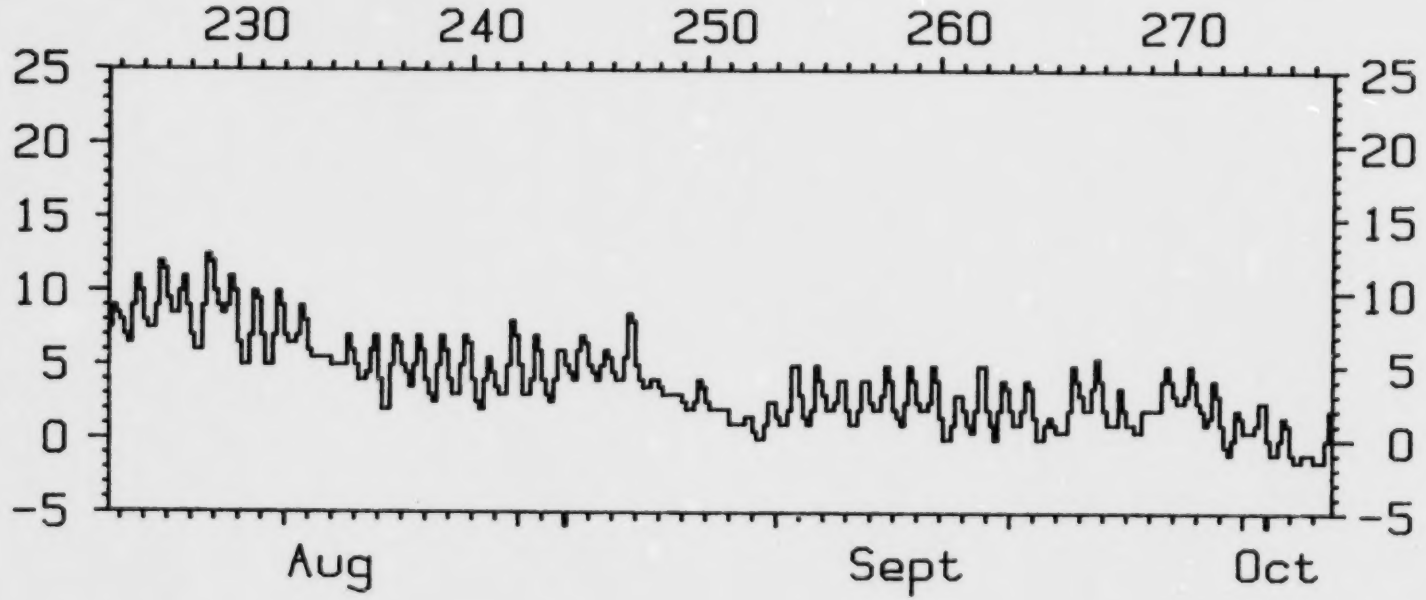
* Indicates calculation based on less than a full month of data.

6. Newfoundland Area Temperature Plots

HEBRON LABRADOR

Pos. : 58.15, 63.08 Depth : 1 meter

Aug 12, 1983 12:00 GMT to Oct 3, 1983 20:00 GMT



Instrument : 62549

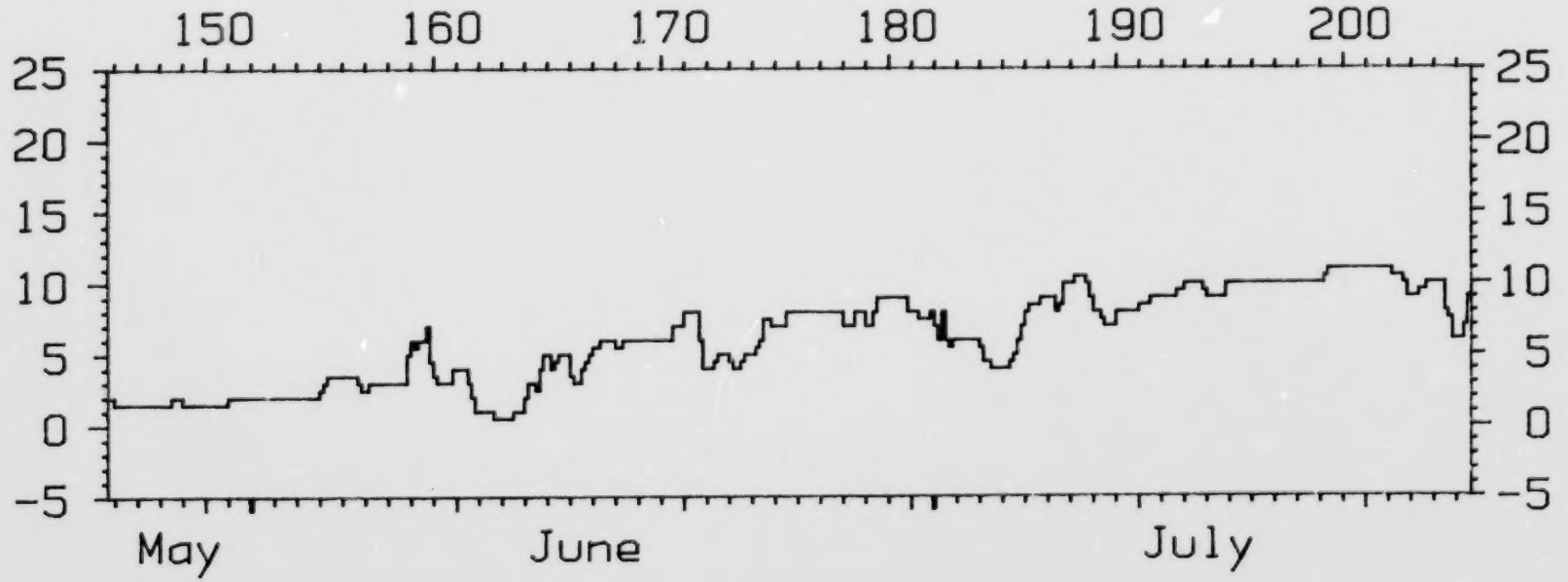
START TIME MAY BE UP TO 8 HOURS OFF.

Station 1

WESTPORT WHITE BAY NFLD. (Page 1)

Pós. : 49.77, 56.63 Depth : 10 meters

May 25, 1983 16:00 GMT to July 24, 1983 16:00 GMT



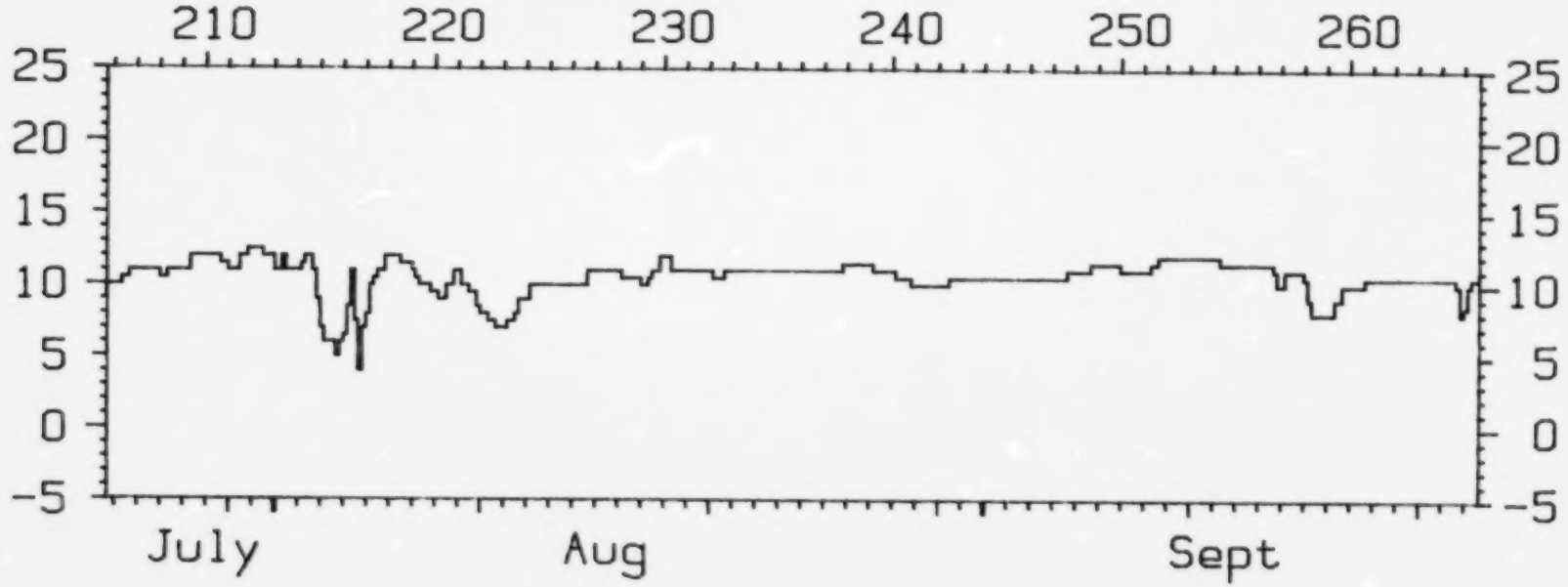
Instrument : 62471

Station 2A

WESTPORT WHITE BAY NFLD. (Page 2)

Pos. : 49.77, 56.63 Depth : 10 meters

July 24, 1983 16:00 GMT to Sept 22, 1983 16:00 GMT

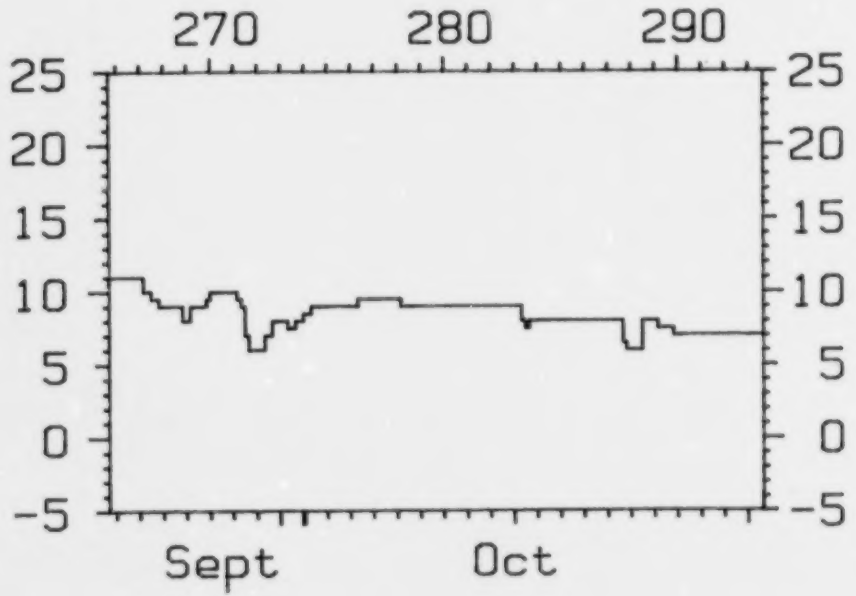


Instrument : 62471

WESTPORT WHITE BAY NFLD. (Page 3)

Pos. : 49.77, 56.63 Depth : 10 meters

Sept 22, 1983 16:00 GMT to Oct 20, 1983 16:00 GMT

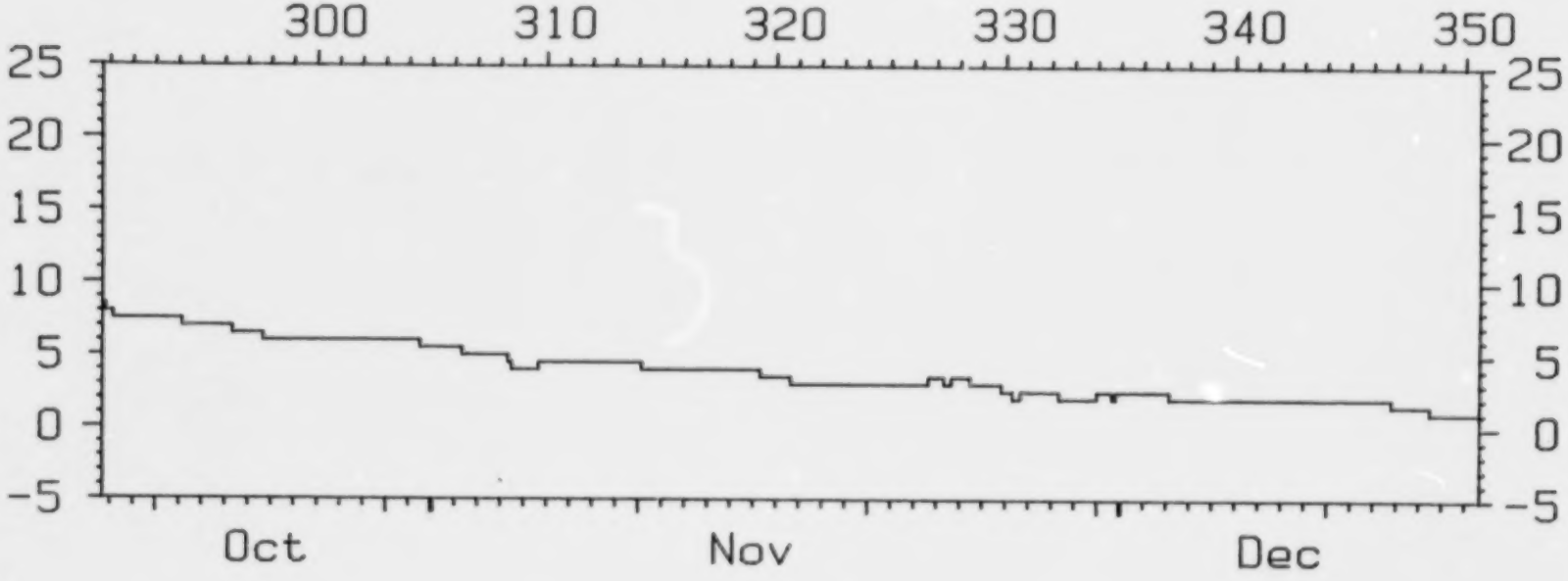


Instrument : 62471

WESTPORT WHITE BAY NFLD (Page 1)

Pos. : 49.77, 56.63 Depth : 1 meter

Oct 17, 1983 16:00 GMT to Dec 16, 1983 16:00 GMT



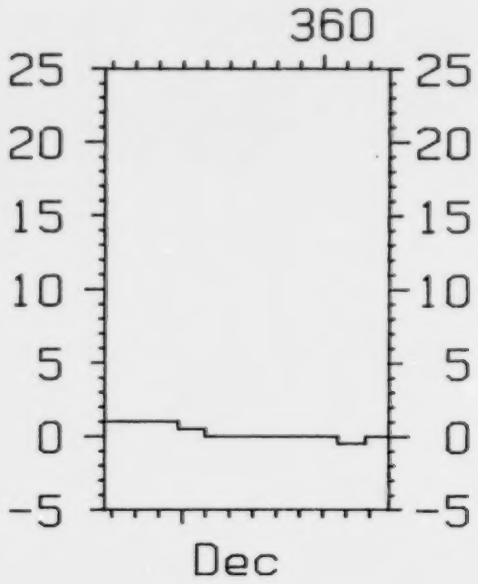
Instrument : 60736

Station 2C

WESTPORT WHITE BAY NFLD (Page 2)

Pos. : 49.77, 56.63 Depth : 1 meter

Dec 16, 1983 16:00 GMT to Dec 28, 1983 20:00 GMT

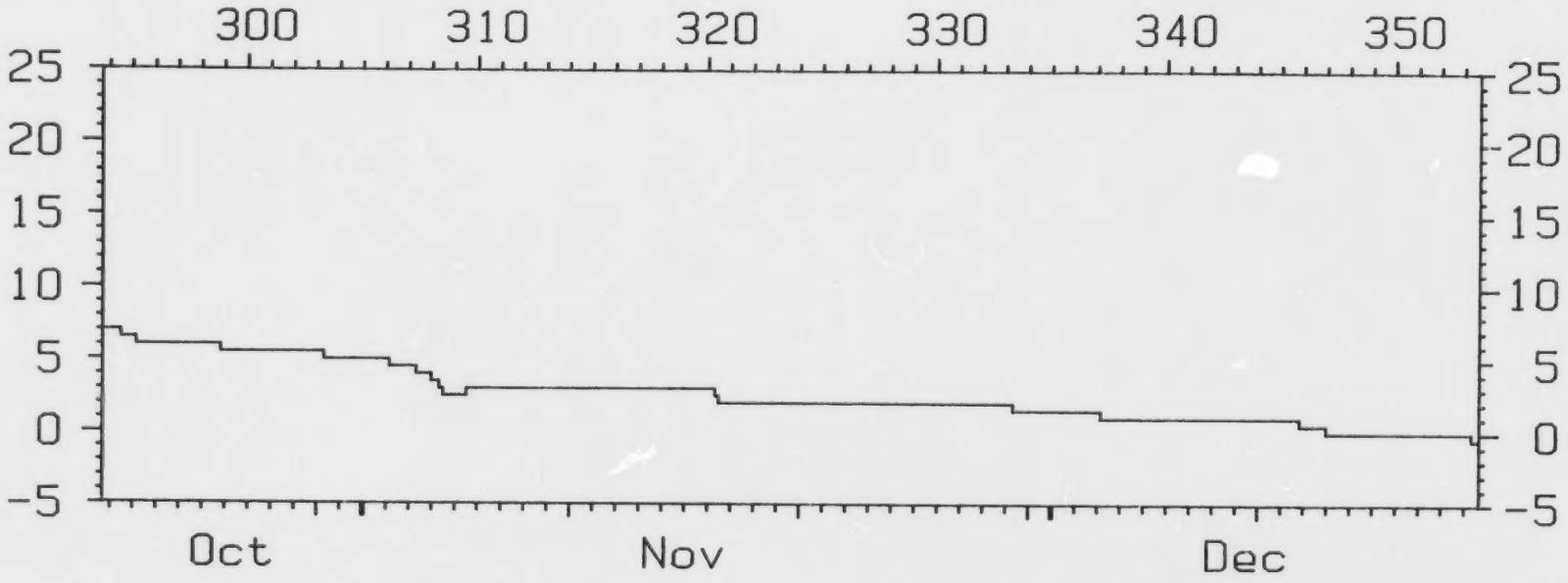


Instrument : 60736

WESTPORT WHITE BAY NFLD (Page 1)

Pos. : 49.77, 56.63 Depth : 10 meters

Oct 20, 1983 16:00 GMT to Dec 19, 1983 16:00 GMT



Instrument : 61656

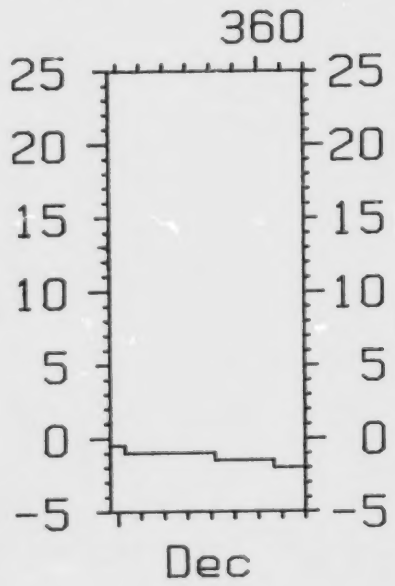
4 HOUR TIME ERROR OVER 2 MONTH RECORD

Station 2D

WESTPORT WHITE BAY NFLD (Page 2)

Pos. : 49.77, 56.63 Depth : 10 meters

Dec 19, 1983 16:00 GMT to Dec 28, 1983 00:00 GMT



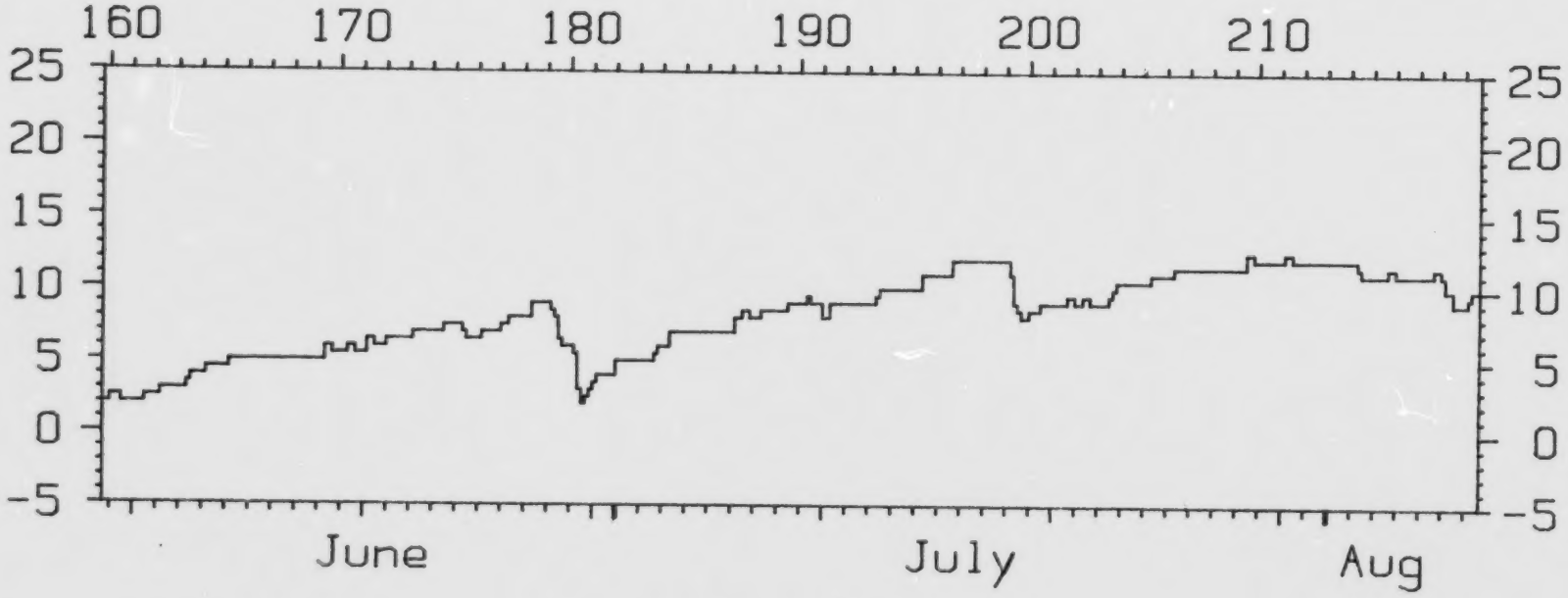
Instrument : 61656

4 HOUR TIME ERROR OVER 2 MONTH RECORD

HARRYS HARBOUR NFLD (Page 1)

Pos. : 49.7, 55.93 Depth : 1 meter

June 8, 1983 16:00 GMT to Aug 7, 1983 16:00 GMT



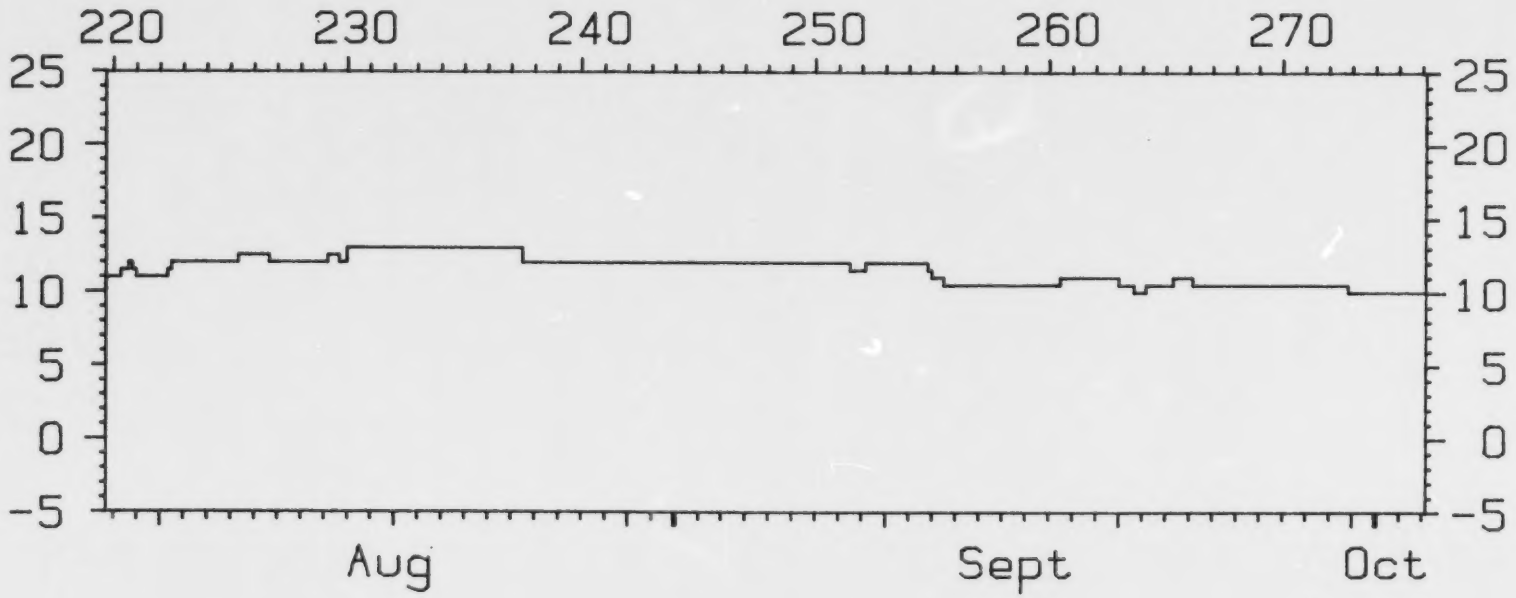
Instrument : 60914

Station 3A

HARRYS HARBOUR NFLD (Page 2)

Pos. : 49.7, 55.93 Depth : 1 meter

Aug 7, 1983 16:00 GMT to Oct 3, 1983 04:00 GMT

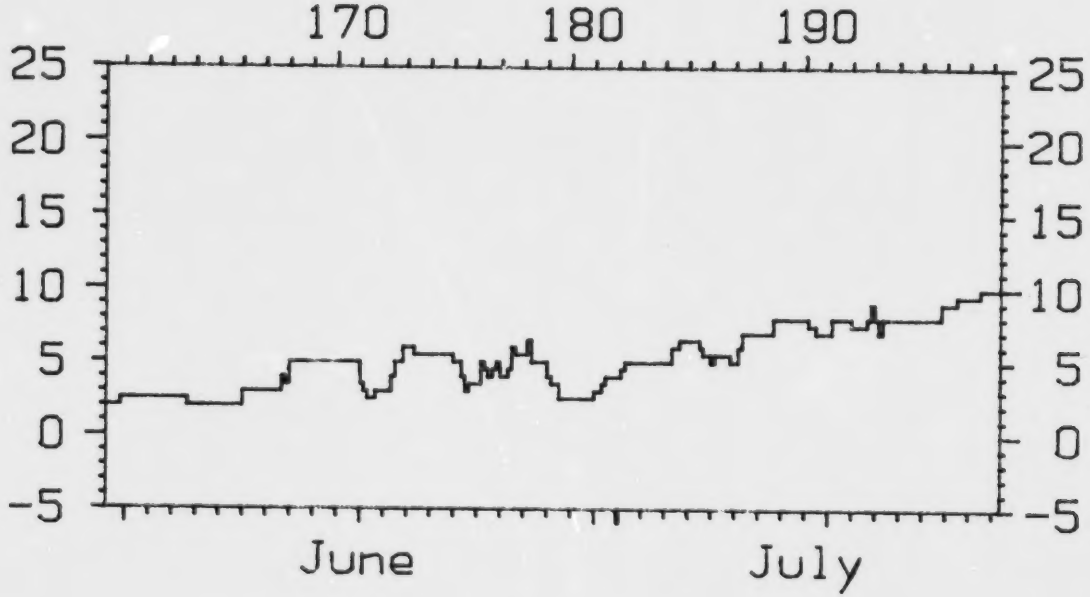


Instrument : 60914

HARRYS HARBOUR NFLD.

Pos. : 49. 7, 55. 93 Depth : 10 meters

June 9, 1983 04:00 GMT to July 17, 1983 08:00 GMT



Instrument : 61684

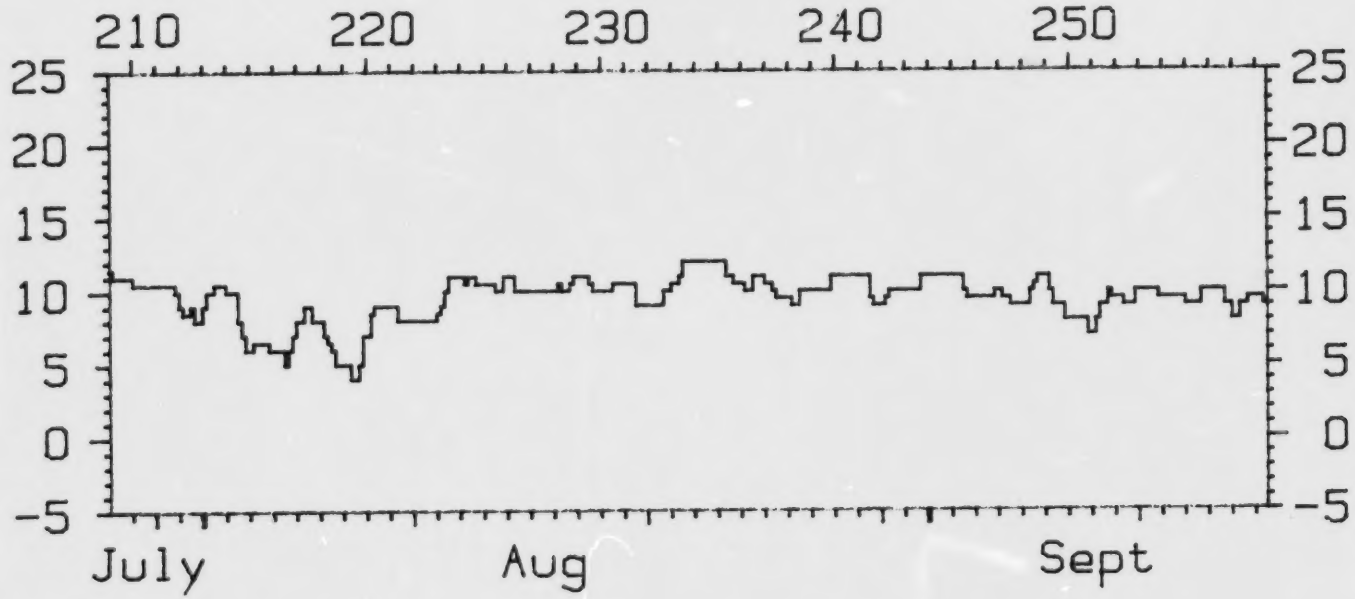
INSTRUMENT FLOODED JULY 17.

Station 3B

HARRYS HARBOUR NFLD.

Pos. : 49. 7, 55. 93 Depth : 10 meters

July 28, 1983 00: 00 GMT to Sept 15, 1983 12: 00 GMT



Instrument : 62510

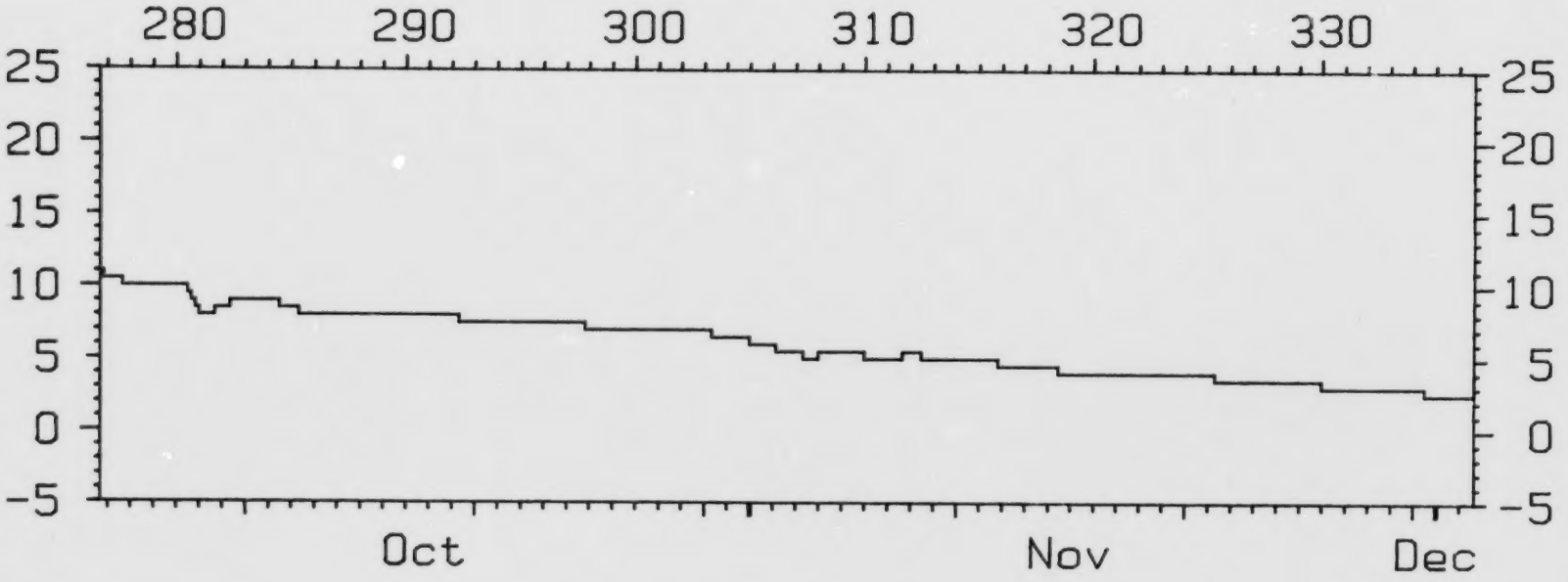
INSTRUMENT FLOODED SEPT. 15.

Station 3C

HARRYS HARBOUR NFLD. (Page 1)

Pos. : 49.7, 55.93 Depth : 1 meter

Oct 3, 1983 16:00 GMT to Dec 2, 1983 16:00 GMT



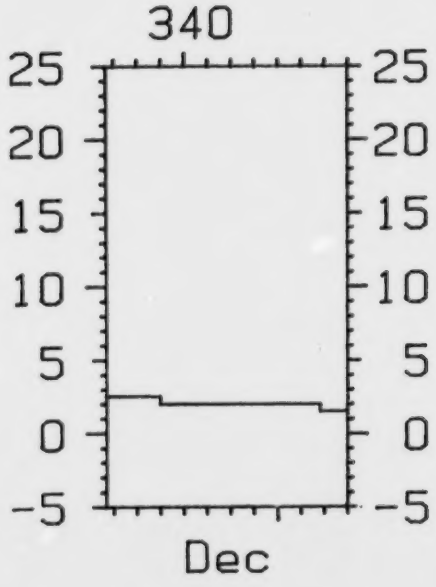
Instrument : 62448

Station 3D

HARRYS HARBOUR NFLD. (Page 2)

Pos. : 49. 7, 55. 93 Depth : 1 meter

Dec 2, 1983 16:00 GMT to Dec 13, 1983 00:00 GMT

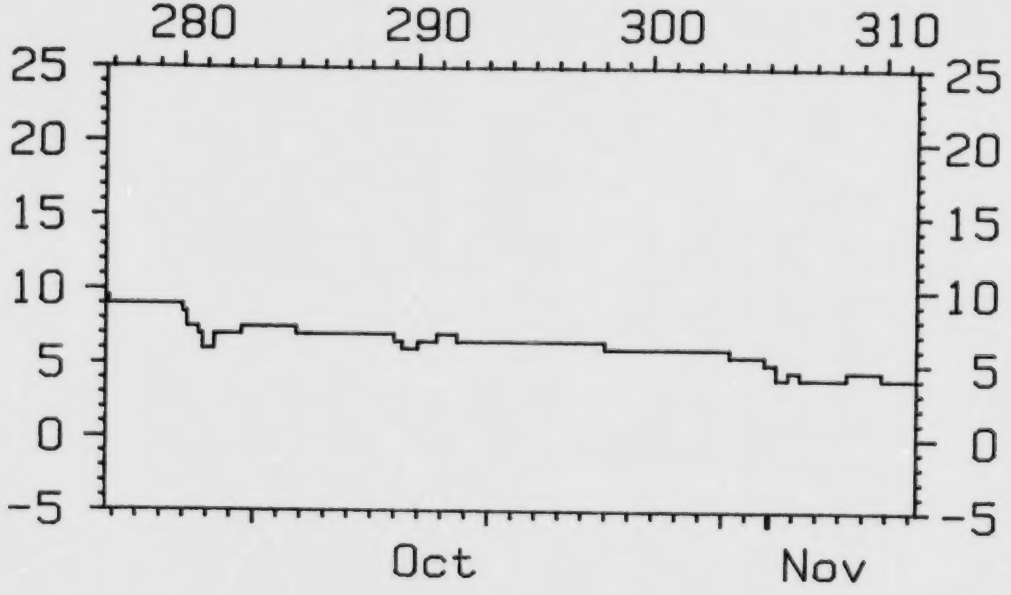


Instrument : 62448

HARRY'S HARBOUR NFLD

Pos. : 49.7, 55.93 Depth : 10 meters

Oct 3, 1983 16:00 GMT to Nov 7, 1983 08:00 GMT



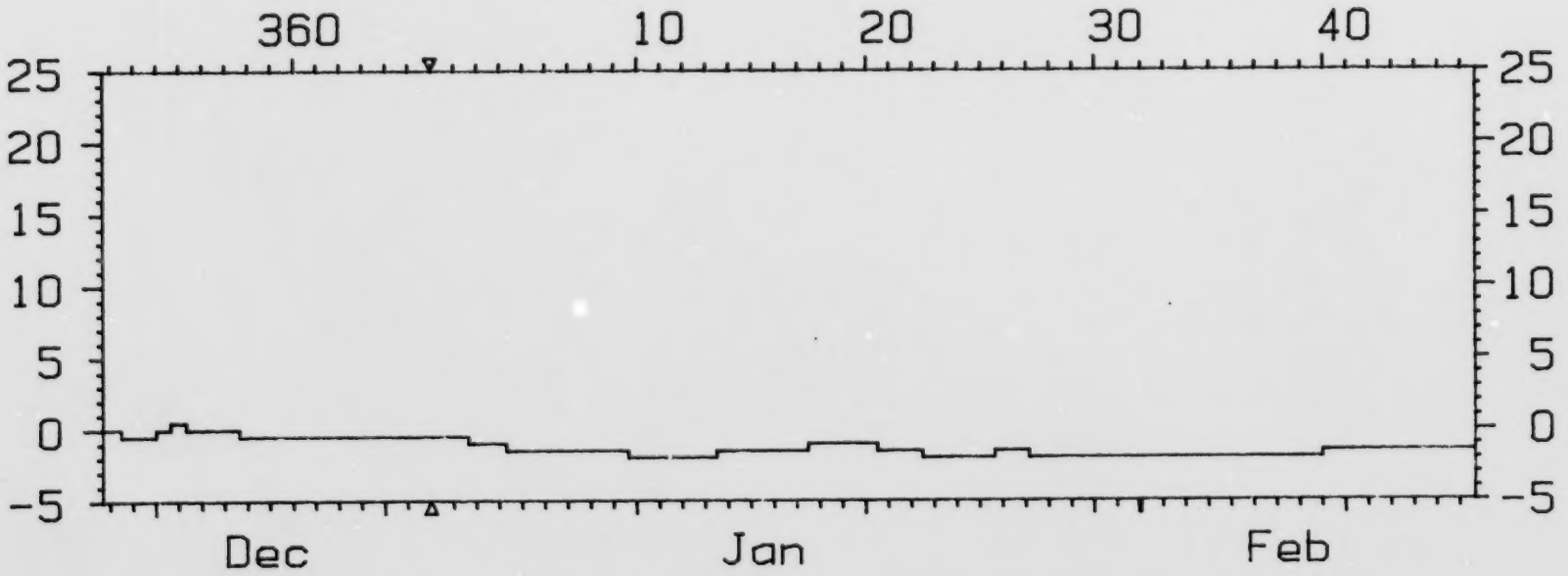
Instrument : 61664

Station 3E

COMFORT COVE NFLD (Page 1)

Pos. : 49. 41, 54. 83 Depth : 9 meters

Dec 17, 1982 16:00 GMT to Feb 15, 1983 16:00 GMT



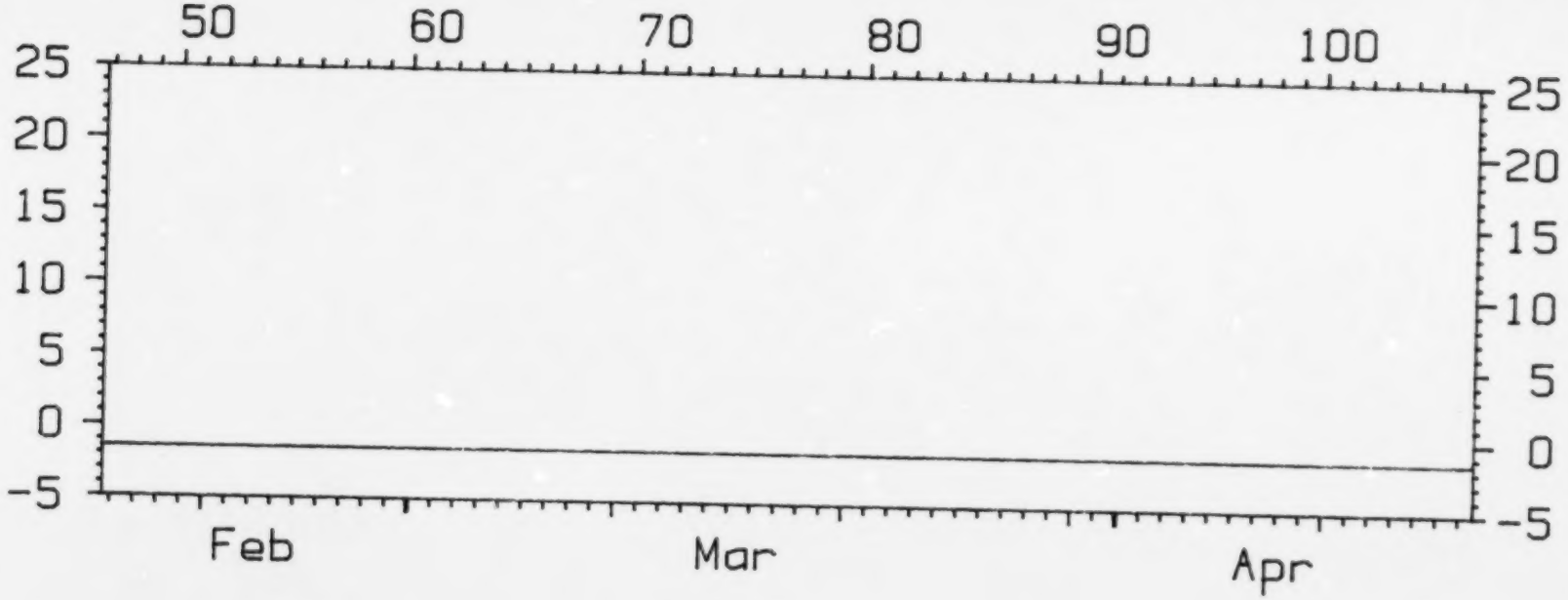
Instrument : 62544

Station 4A

COMFORT COVE NFLD (Page 2)

Pos. : 49.41, 54.83 Depth : 9 meters

Feb 15, 1983 16:00 GMT to Apr 16, 1983 16:00 GMT

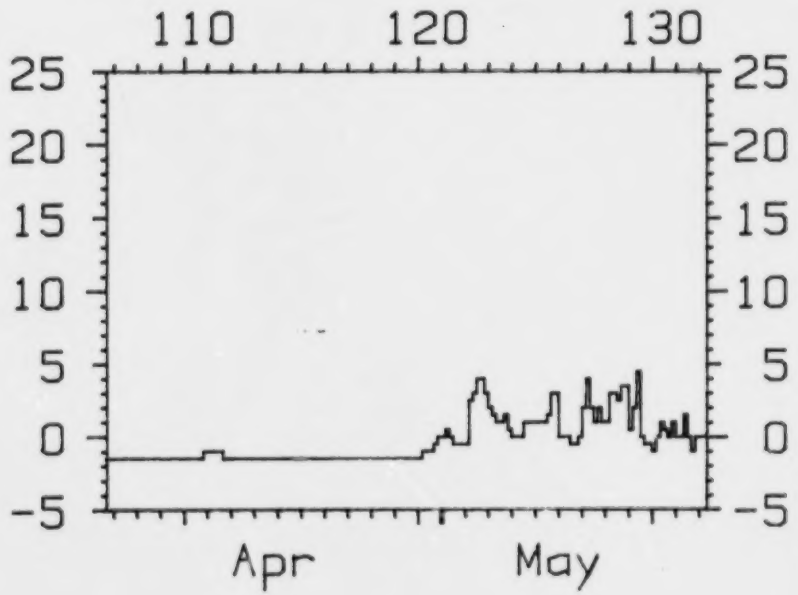


Instrument : 62544

COMFORT COVE NFLD (Page 3)

Pos. : 49.41, 54.83 Depth : 9 meters

Apr 16, 1983 16:00 GMT to May 12, 1983 08:00 GMT

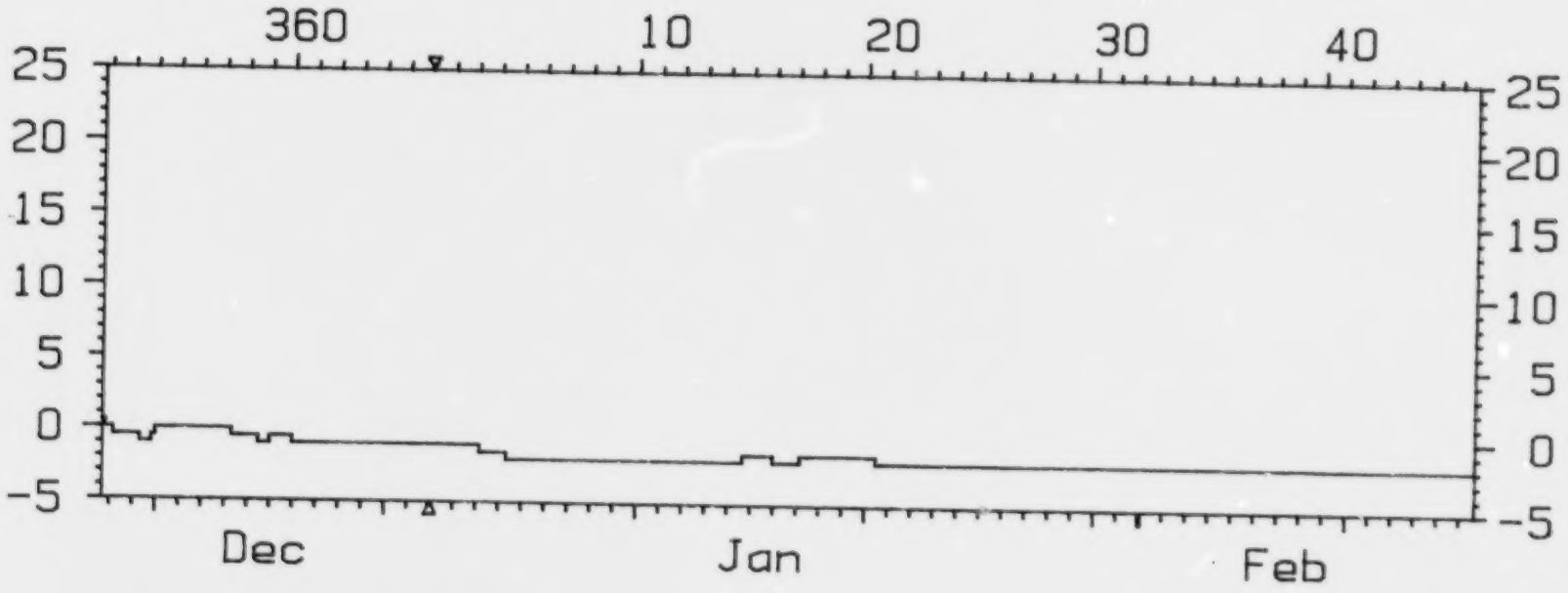


Instrument : 62544

COMFORT COVE NFLD. (Page 1)

Pos. : 49.41, 54.83 Depth : 9 meters

Dec 17, 1982 16:00 GMT to Feb 15, 1983 16:00 GMT



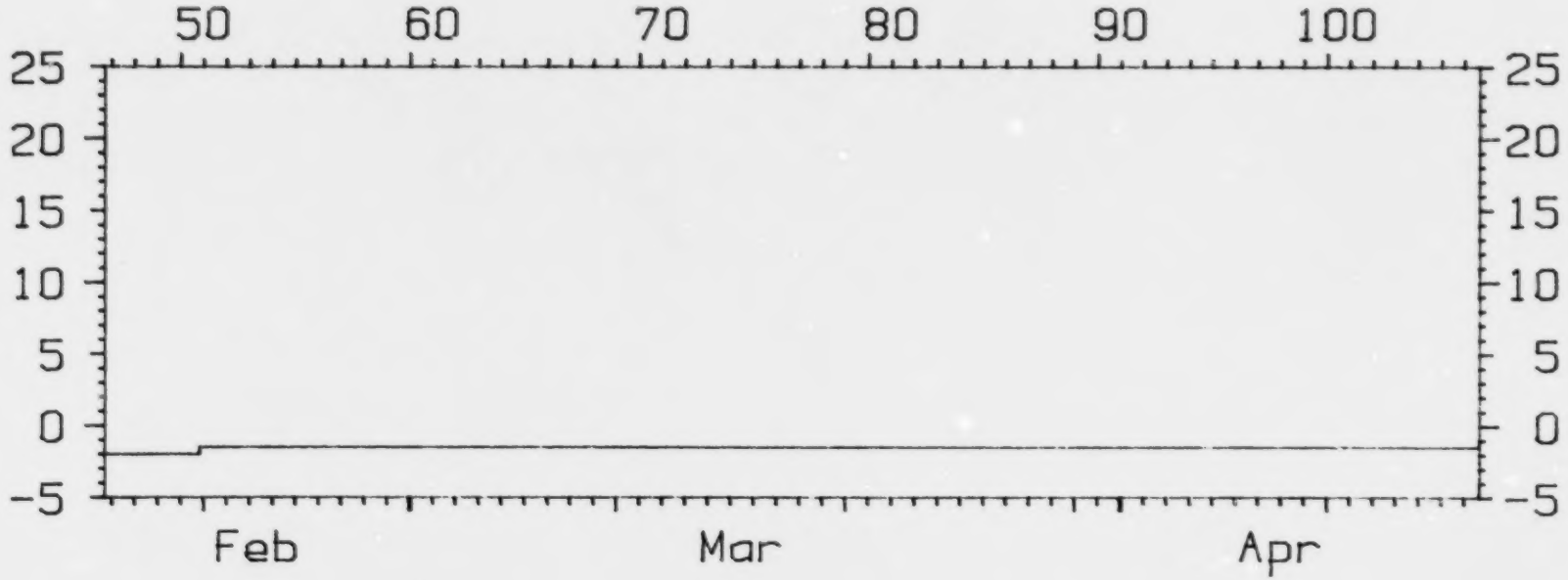
Instrument : 62548

Station 4B

COMFORT COVE NFLD. (Page 2)

Pos. : 49.41, 54.83 Depth : 9 meters

Feb 15, 1983 16:00 GMT to Apr 16, 1983 16:00 GMT

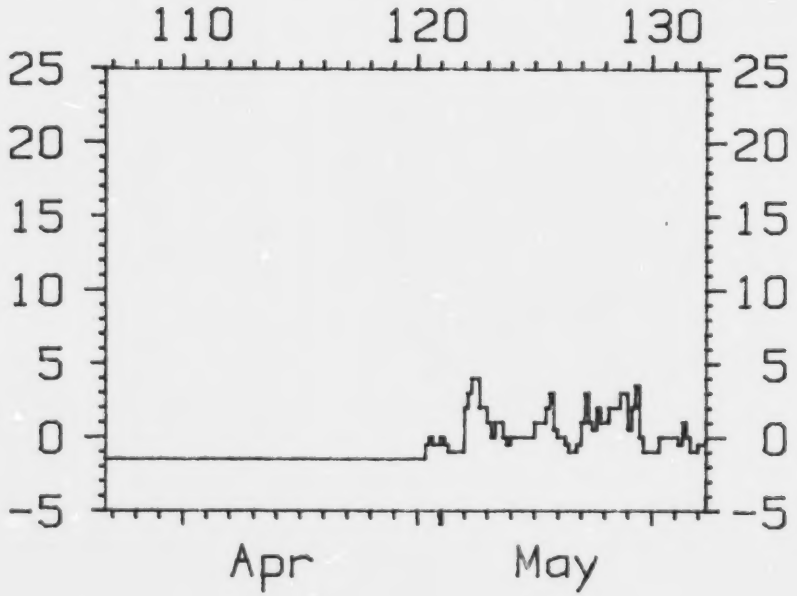


Instrument : 62548

COMFORT COVE NFLD. (Page 3)

Pos. : 49.41, 54.83 Depth : 9 meters

Apr 16, 1983 16:00 GMT to May 12, 1983 08:00 GMT

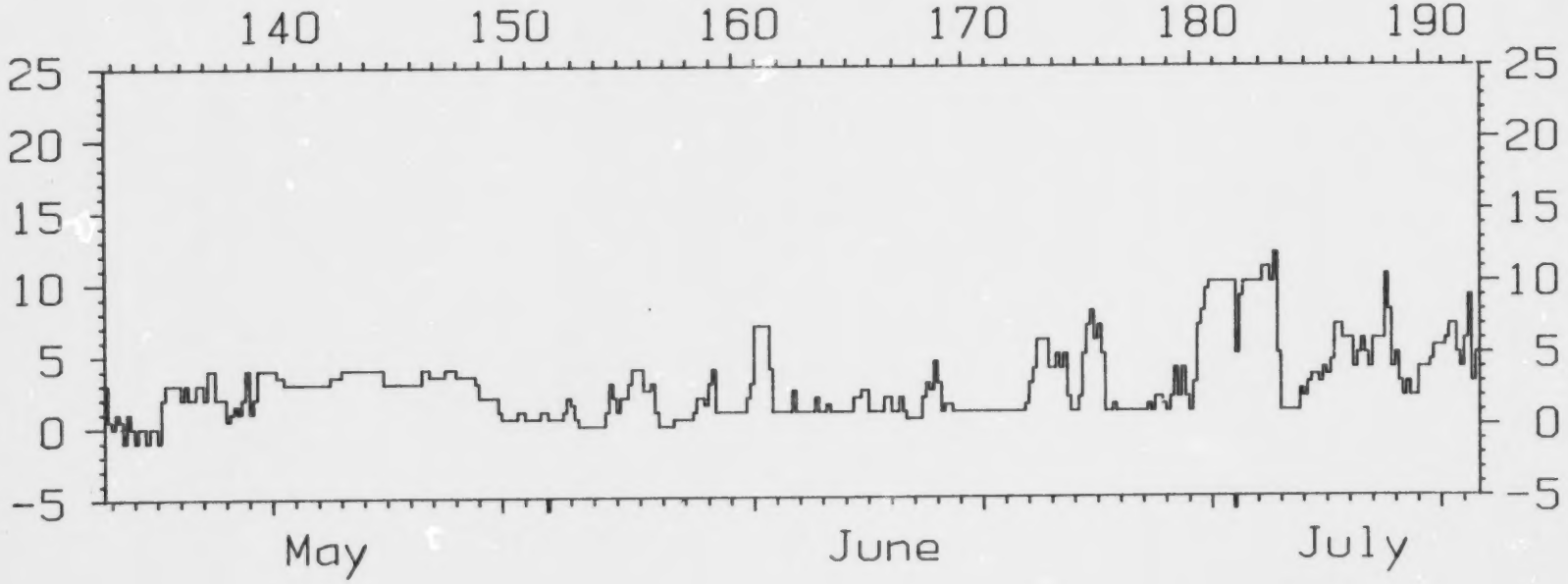


Instrument : 62548

COMFORT COVE NFLD (Page 1)

Pos. : 49.41, 54.83 Depth : 9 meters

May 12, 1983 16:00 GMT to July 11, 1983 16:00 GMT



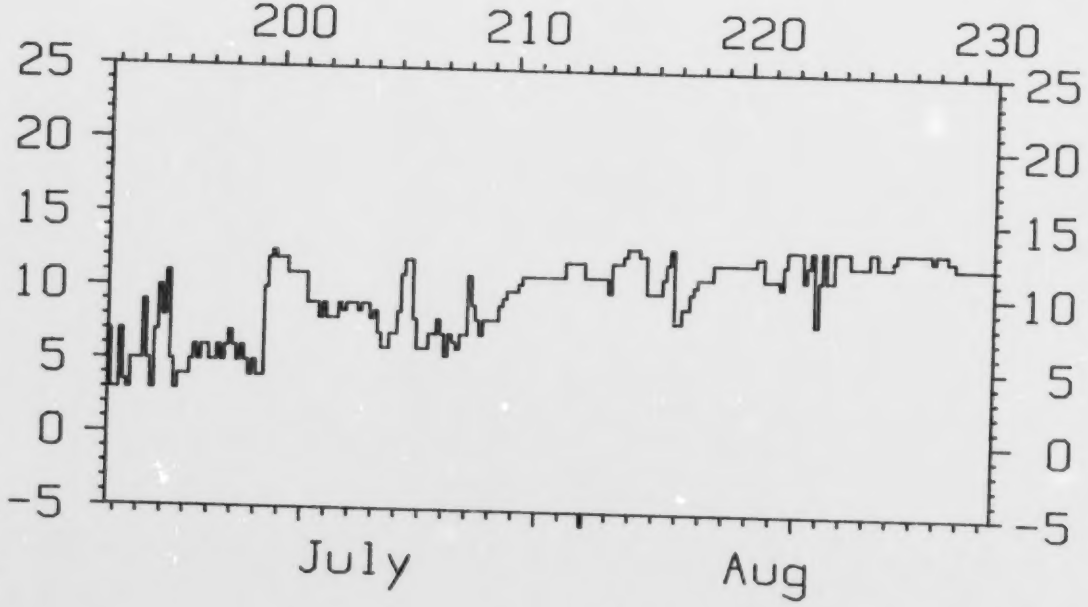
Instrument : 61651

Station 4C

COMFORT COVE NFLD

Pos. : 49.41, 54.83 Depth : 9 meters

July 11, 1983 16:00 GMT to Aug 18, 1983 12:00 GMT

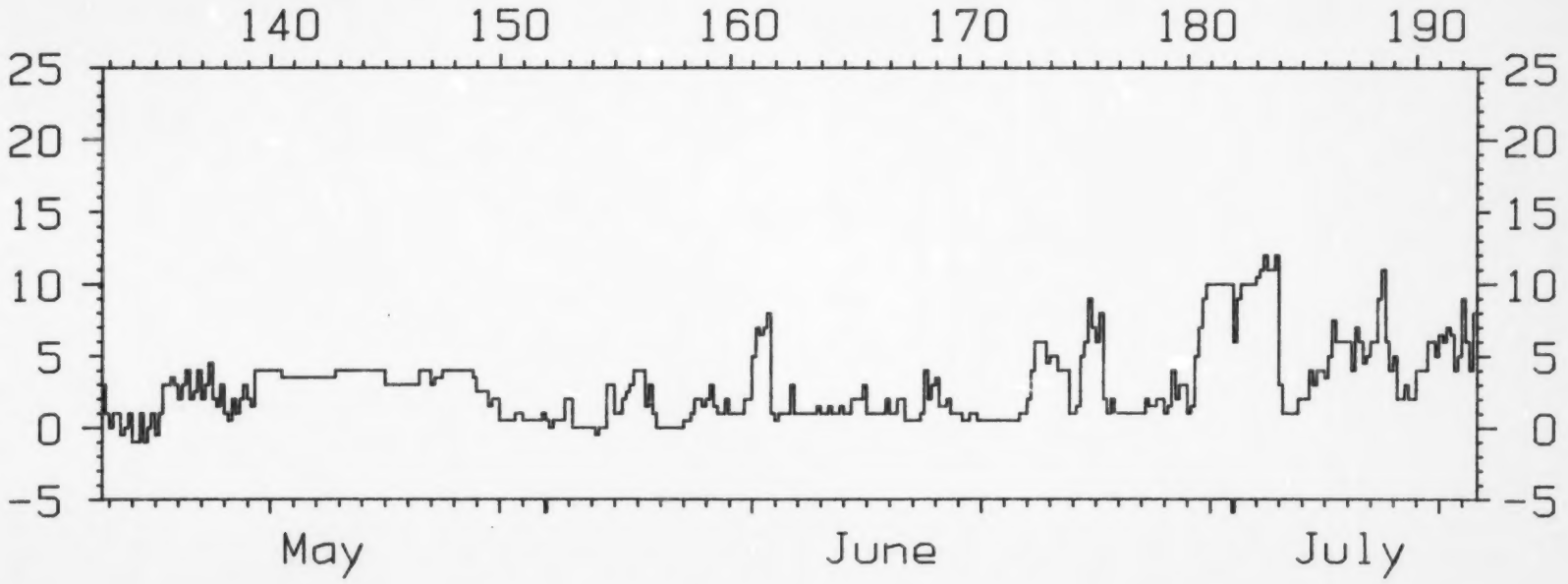


Instrument : 61651

COMFORT COVE NFLD (Page 1)

Pos. : 49.41, 54.83 Depth : 9 meters

May 12, 1983 16:00 GMT to July 11, 1983 16:00 GMT



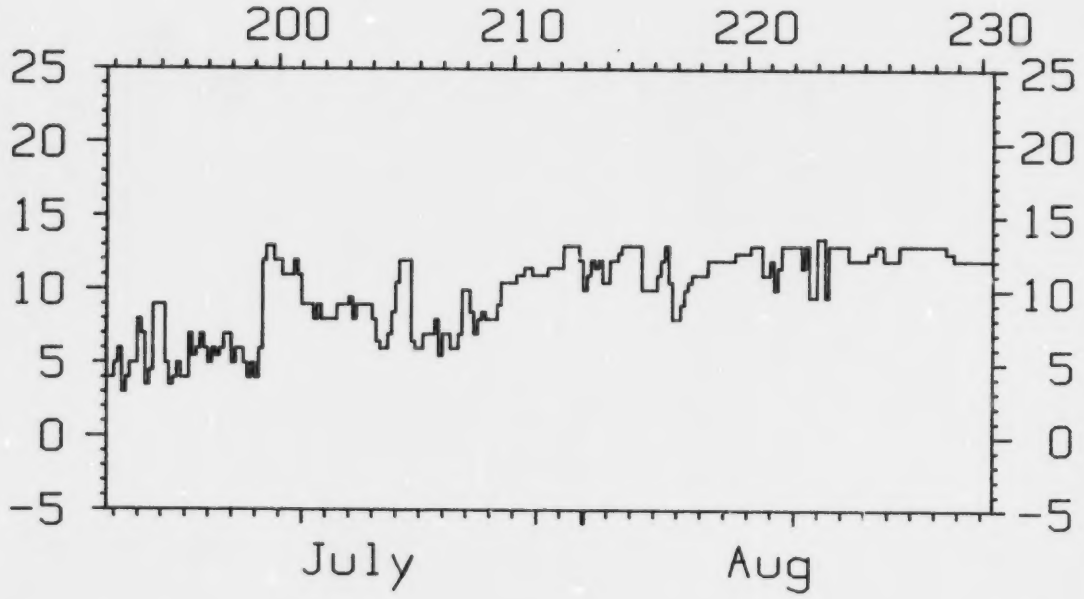
Instrument : 62473

Station 4D

COMFORT COVE NFLD (Page 2)

Pos. : 49.41, 54.83 Depth : 9 meters

July 11, 1983 16:00 GMT to Aug 18, 1983 12:00 GMT

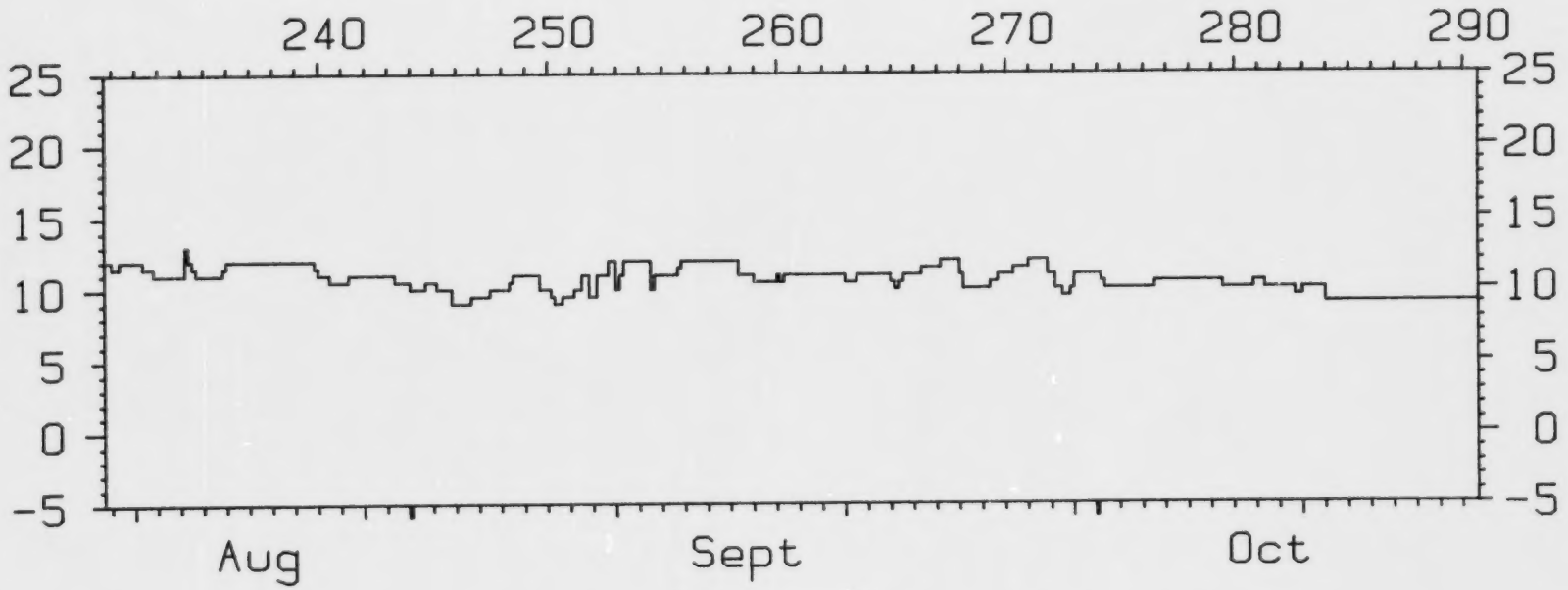


Instrument : 62473

COMFORT COVE NFLD (Page 1)

Pos. : 49.41, 54.83 Depth : 9 meters

Aug 18, 1983 16:00 GMT to Oct 17, 1983 16:00 GMT



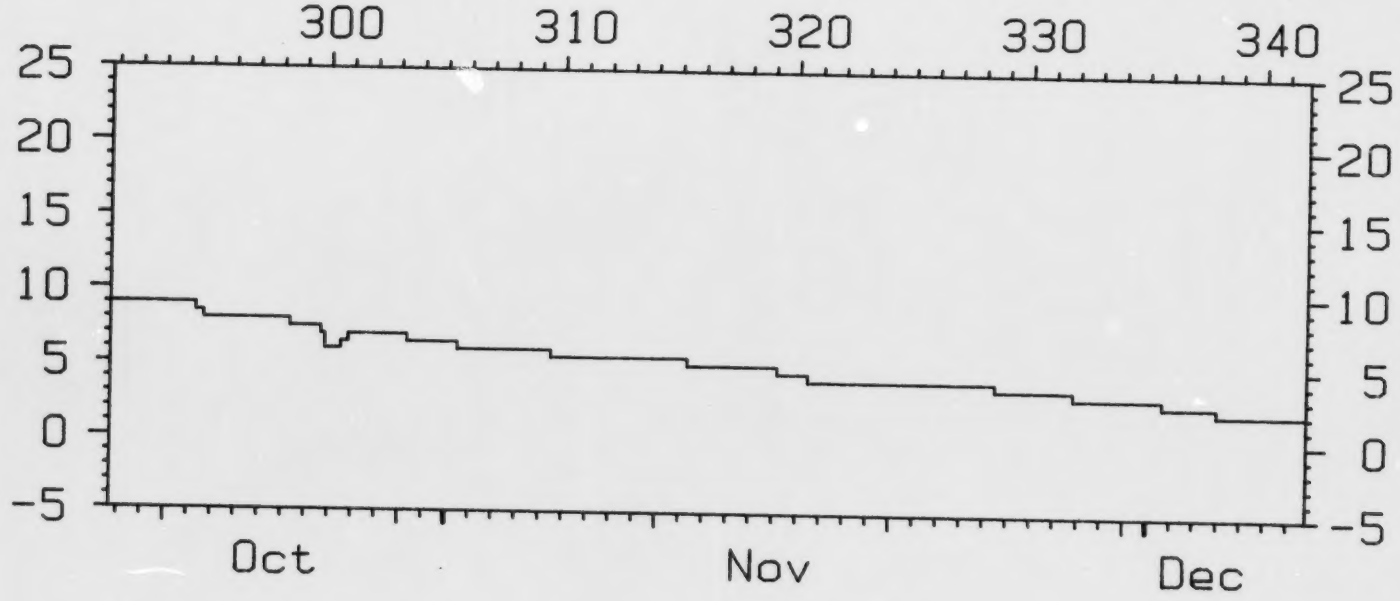
Instrument : 61651

Station 4E

COMFORT COVE NFLD (Page 2)

Pos. : 49.41, 54.83 Depth : 9 meters

Oct 17, 1983 16:00 GMT to Dec 7, 1983 20:00 GMT

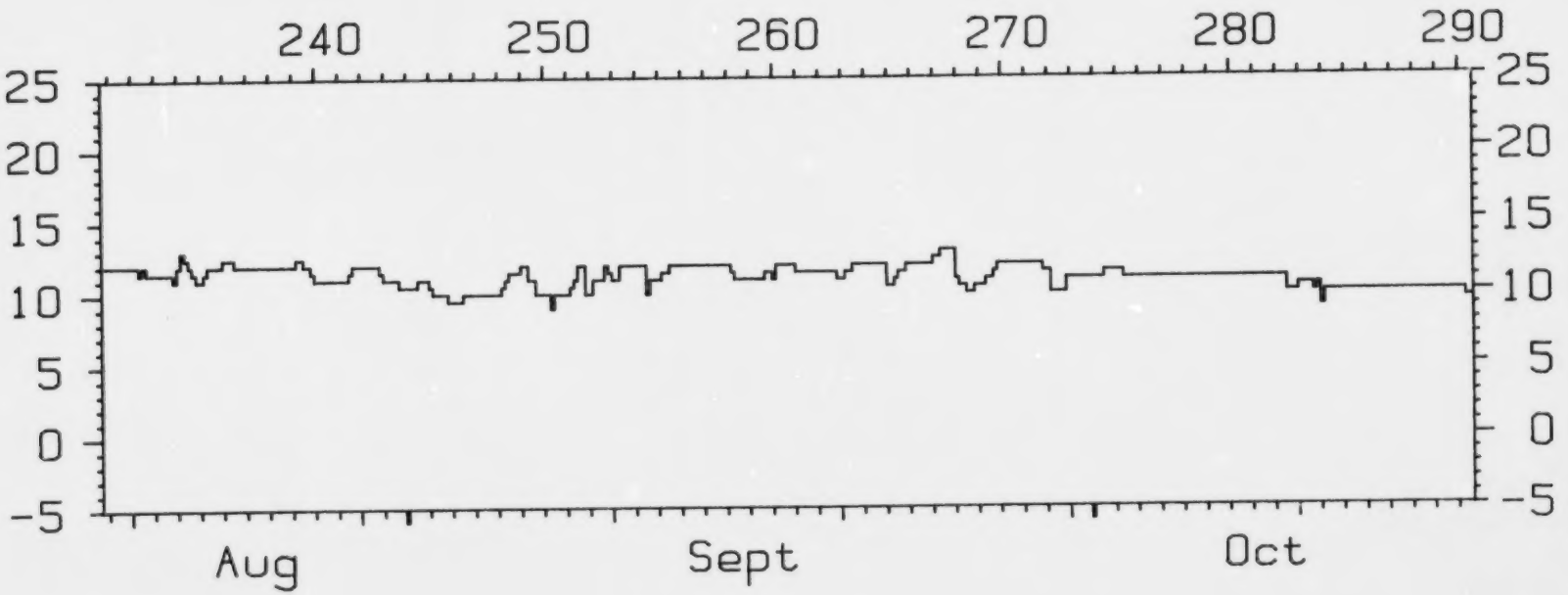


Instrument : 61651

COMFORT COVE NFLD (Page 1)

Pos. : 49.41, 54.83 Depth : 9 meters

Aug 18, 1983 16:00 GMT to Oct 17, 1983 16:00 GMT



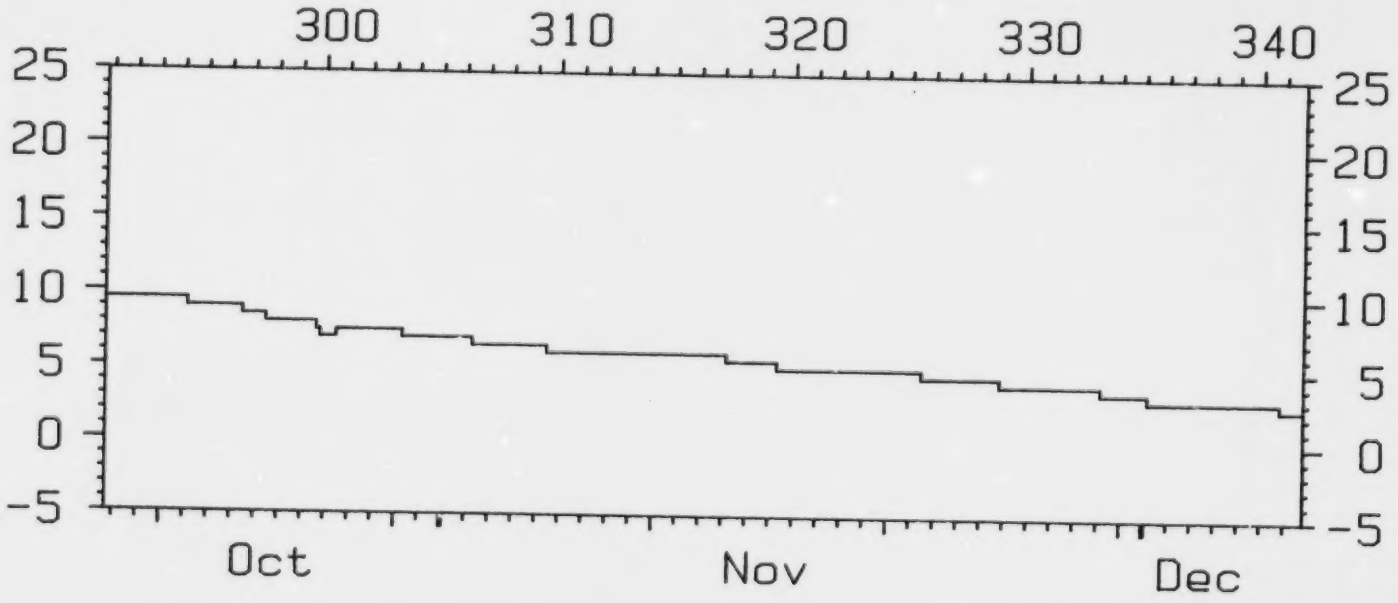
Instrument : 62473

Station 4F

COMFORT COVE NFLD (Page 2)

Pos. : 49.41, 54.83 Depth : 9 meters

Oct 17, 1983 16:00 GMT to Dec 7, 1983 20:00 GMT

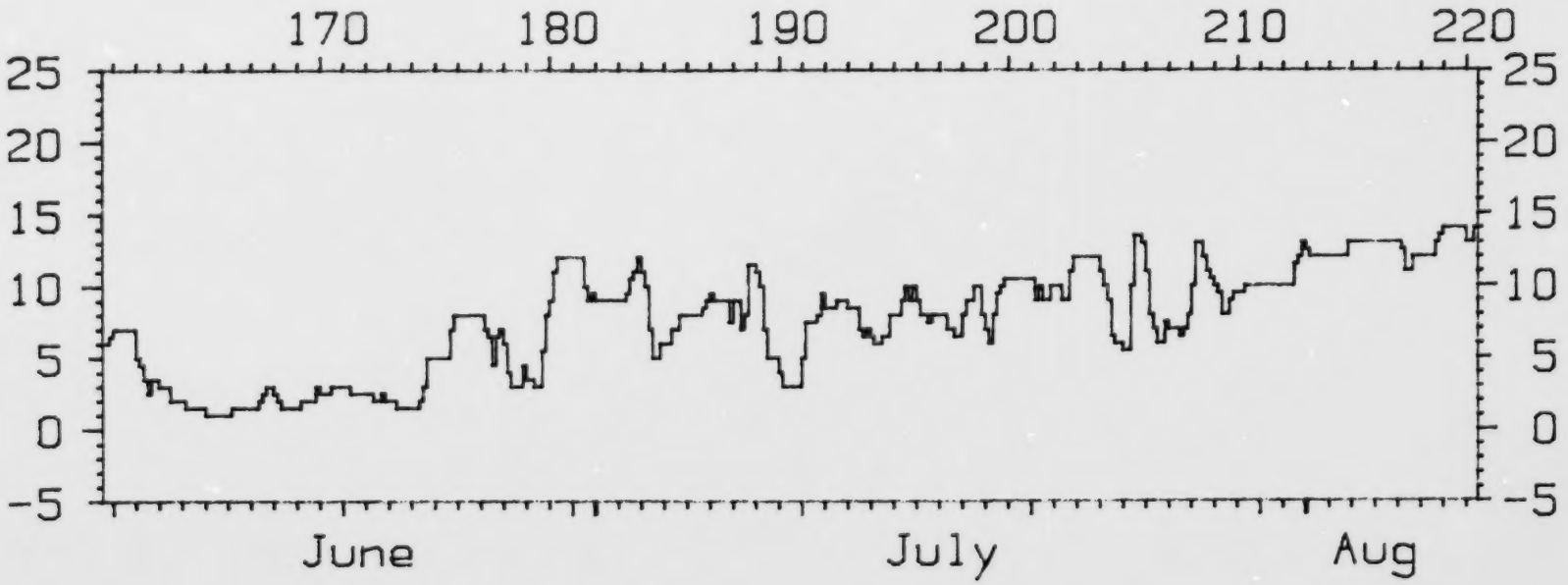


Instrument : 62473

HILLGRADE NFLD (Page 1)

Pos. : 49.57, 54.7 Depth : 10 meters

June 9, 1983 12:00 GMT to Aug 8, 1983 12:00 GMT



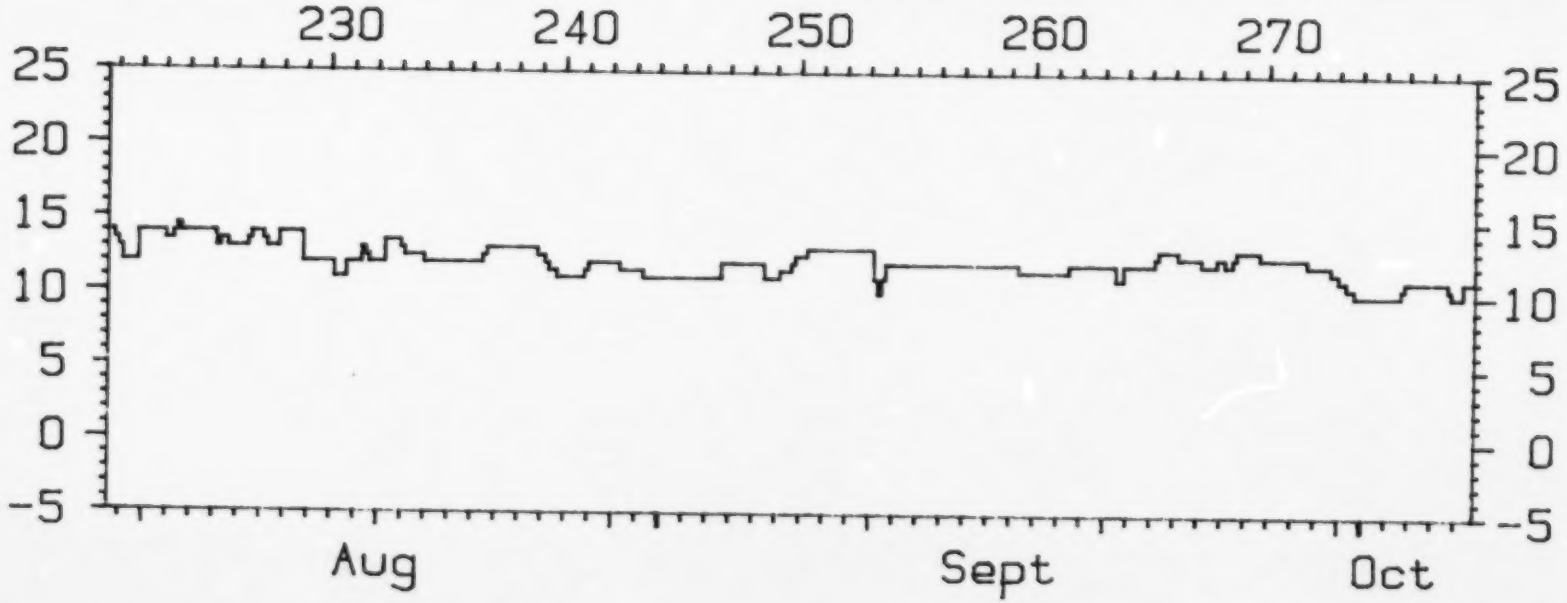
Instrument : 61618

Station 5A

HILLGRADE NFLD (Page 2)

Pos. : 49.57, 54.7 Depth : 10 meters

Aug 8, 1983 12:00 GMT to Oct 5, 1983 20:00 GMT

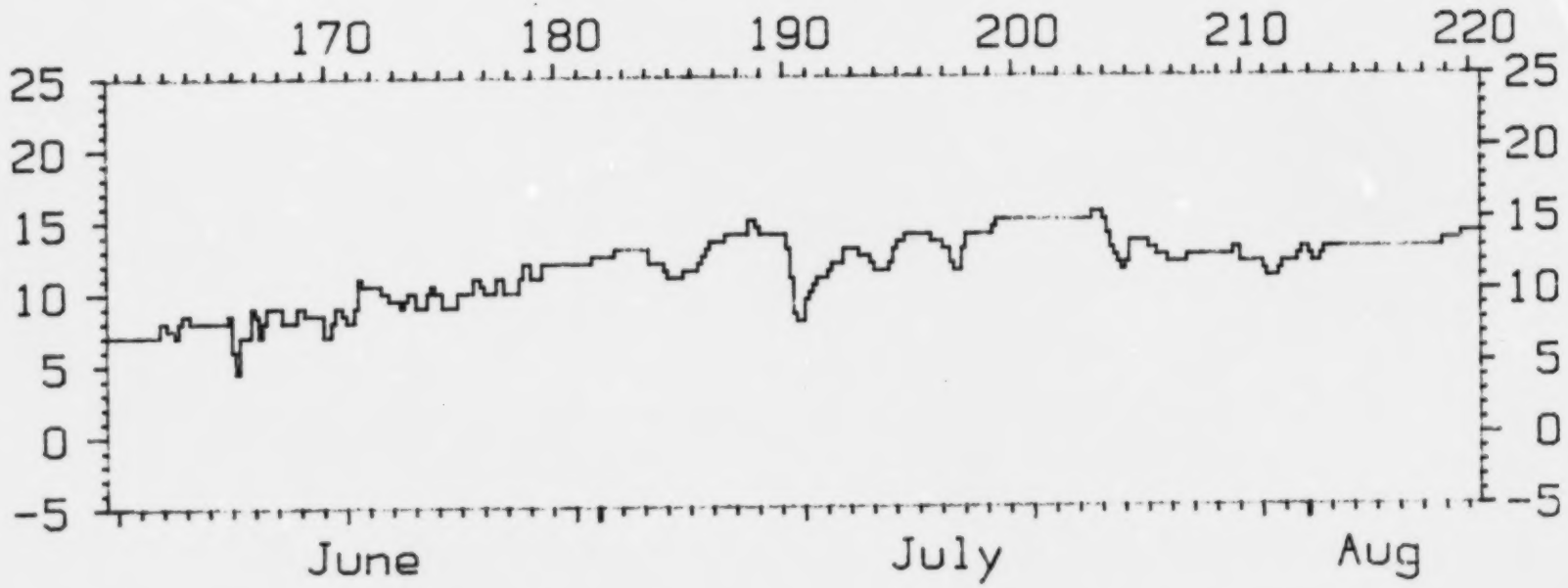


Instrument : 61618

HILLGRADE NFLD. (Page 1)

Pos. : 49.57, 54.7 Depth : 1 meter

June 9, 1983 12:00 GMT to Aug 8, 1983 12:00 GMT



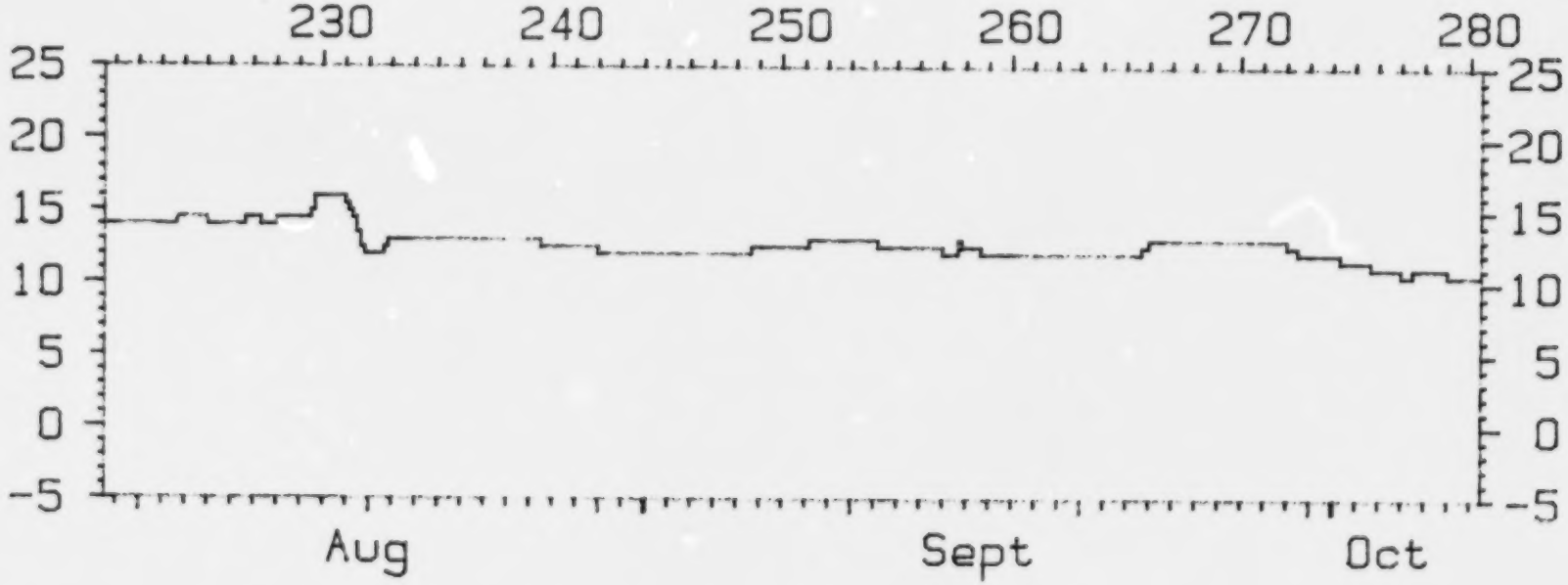
Instrument : 62475

Station 5B

HILLGRADE NFLD. (Page 2)

Pos. : 49.57, 54.7 Depth : 1 meter

Aug 8, 1983 12:00 GMT to Oct 7, 1983 12:00 GMT

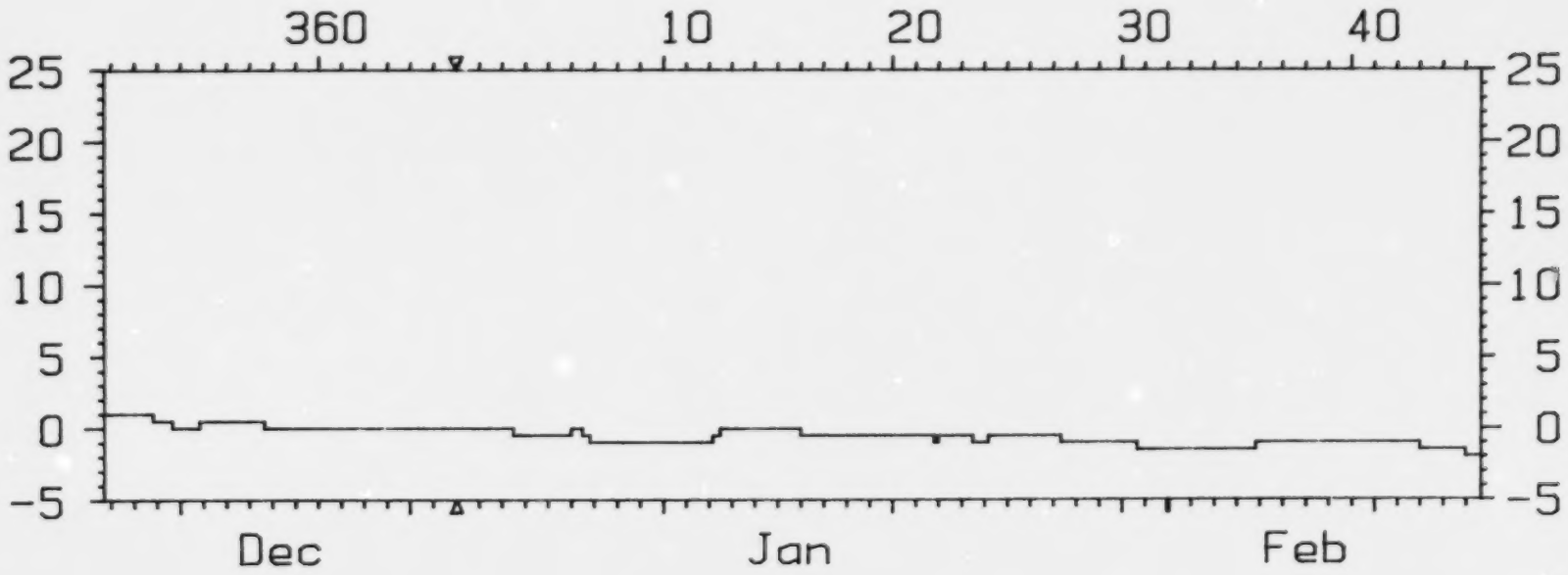


Instrument : 62475

STOCK COVE NFLD. (Page 1)

Pos. : 48.71, 53.76 Depth : 9 meters

Dec 16, 1982 16:00 GMT to Feb 14, 1983 16:00 GMT



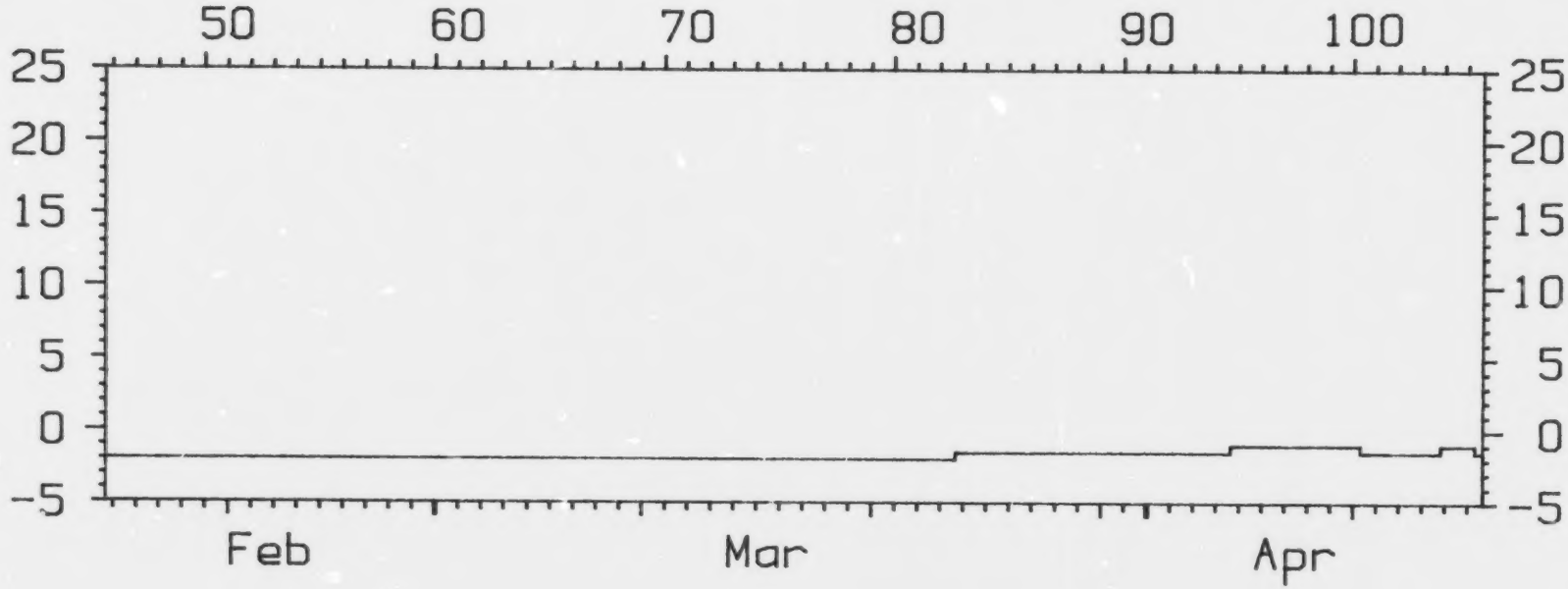
Instrument : 62507

Station 6A

STOCK COVE NFLD. (Page 2)

Pos. : 48.71, 53.76 Depth : 9 meters

Feb 14, 1983 16:00 GMT to Apr 15, 1983 16:00 GMT

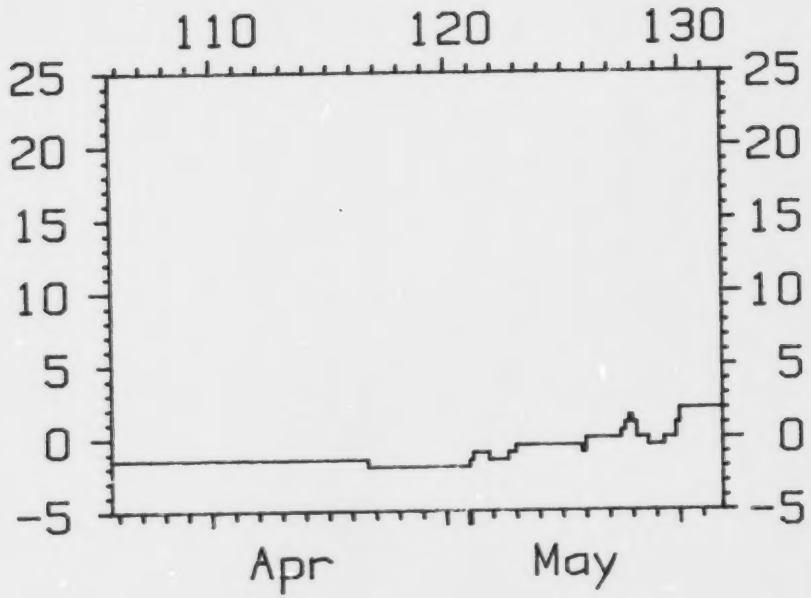


Instrument : 62507

STOCK COVE NFLD. (Page 3)

Pos. : 48.71, 53.76 Depth : 9 meters

Apr 15, 1983 16:00 GMT to May 11, 1983 20:00 GMT

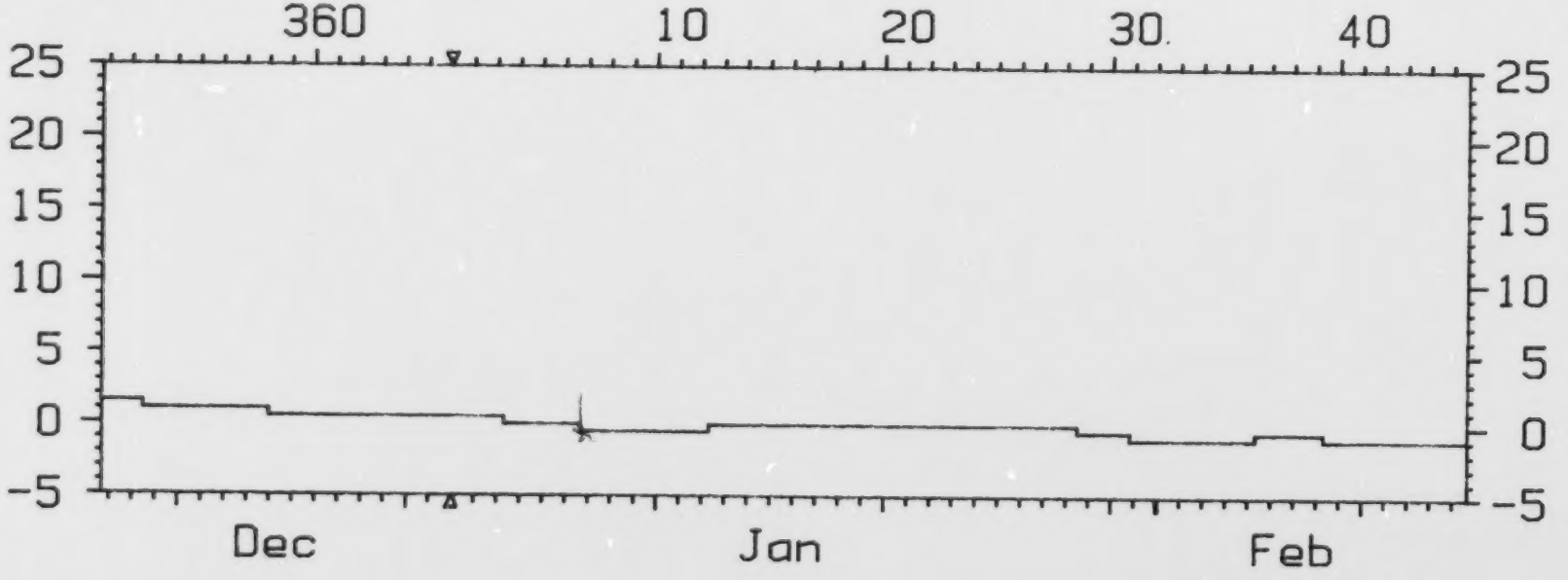


Instrument : 62507

STOCK COVE NFLD. (Page 1)

Pos. : 48.71, 53.76 Depth : 9 meters

Dec 16, 1982 16:00 GMT to Feb 14, 1983 16:00 GMT



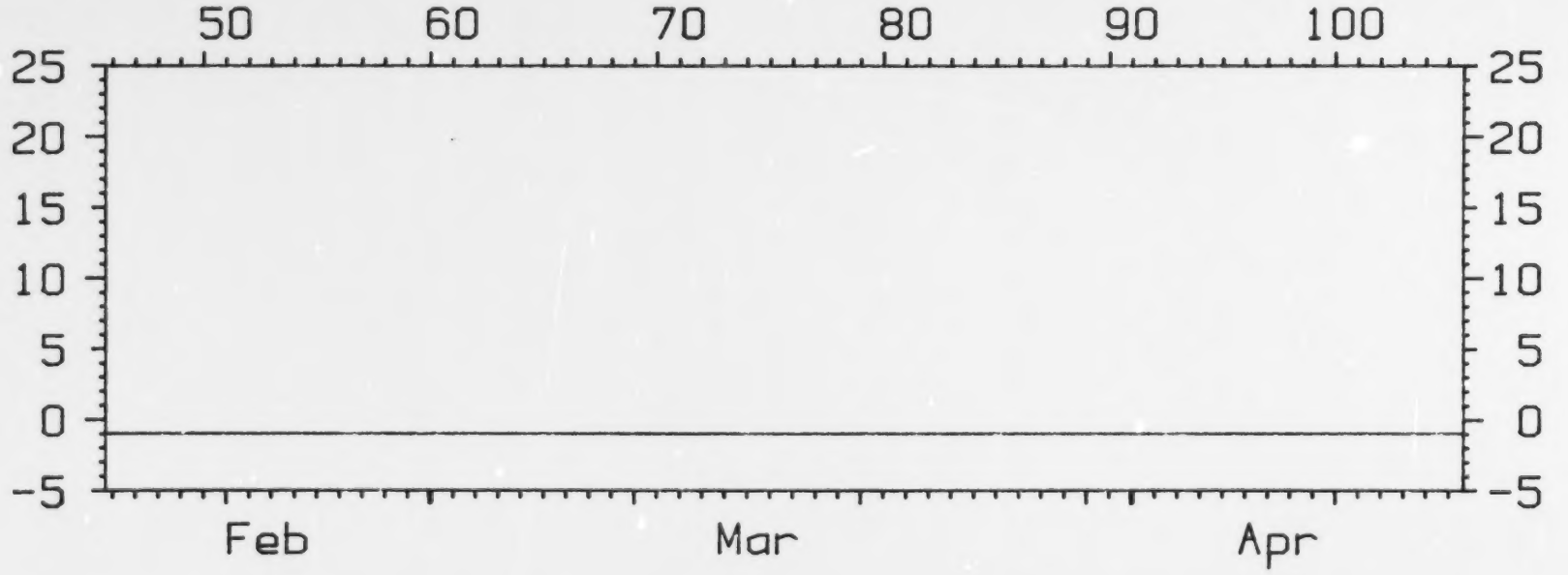
Instrument : 61648

Station 6B

STOCK COVE NFLD. (Page 2)

Pos. : 48.71, 53.76 Depth : 9 meters

Feb 14, 1983 16:00 GMT to Apr 15, 1983 16:00 GMT

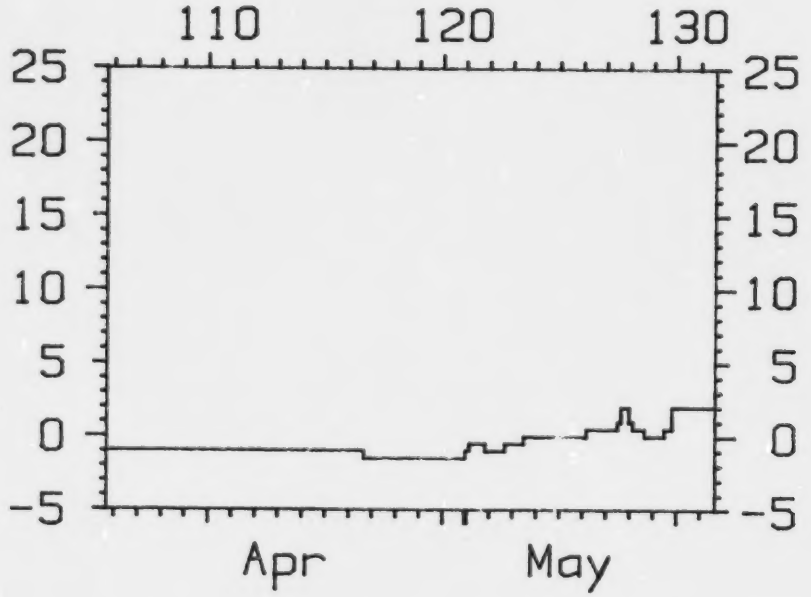


Instrument : 61648

STOCK COVE NFLD. (Page 3)

Pos. : 48.71, 53.76 Depth : 9 meters

Apr 15, 1983 16:00 GMT to May 11, 1983 16:00 GMT

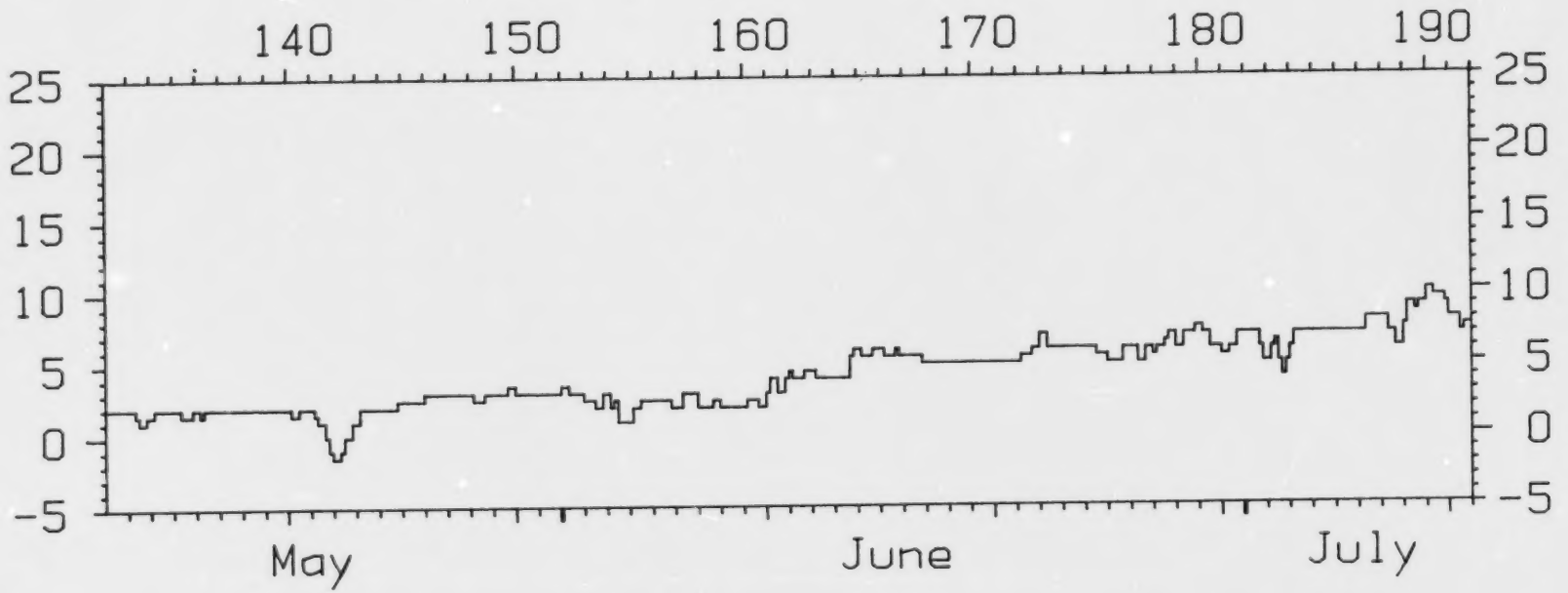


Instrument : 61648

STOCK COVE NFLD (Page 1)

Pos. : 48.71, 53.76 Depth : 9 meters

May 12, 1983 00:00 GMT to July 11, 1983 00:00 GMT



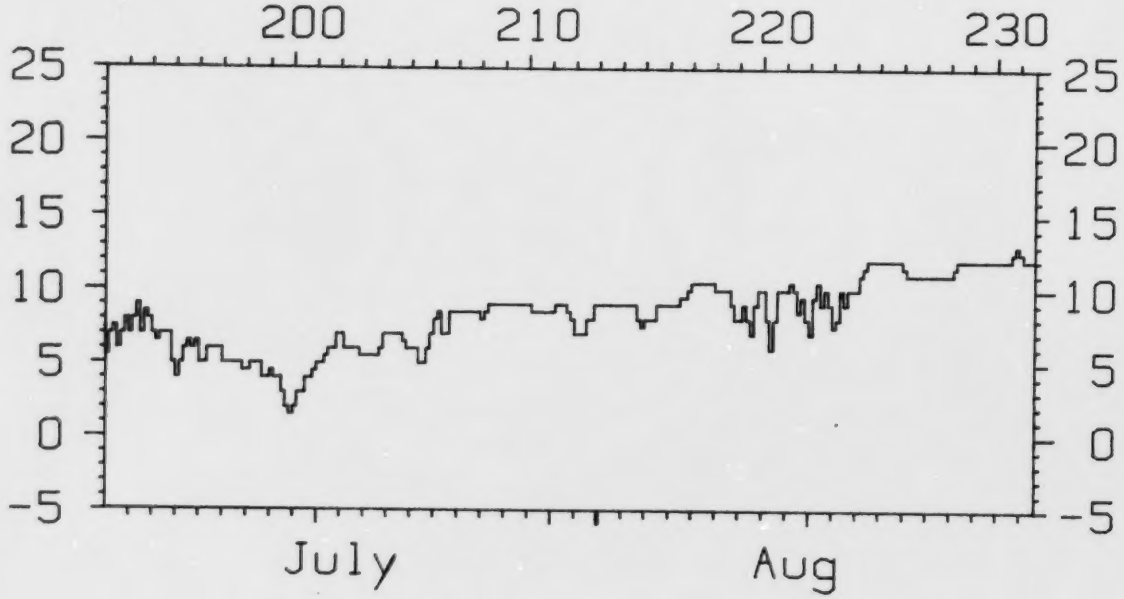
Instrument : 62477

Station 6C

STOCK COVE NFLD (Page 2)

Pos. : 48.71, 53.76 Depth : 9 meters

July 11, 1983 00:00 GMT to Aug 19, 1983 16:00 GMT



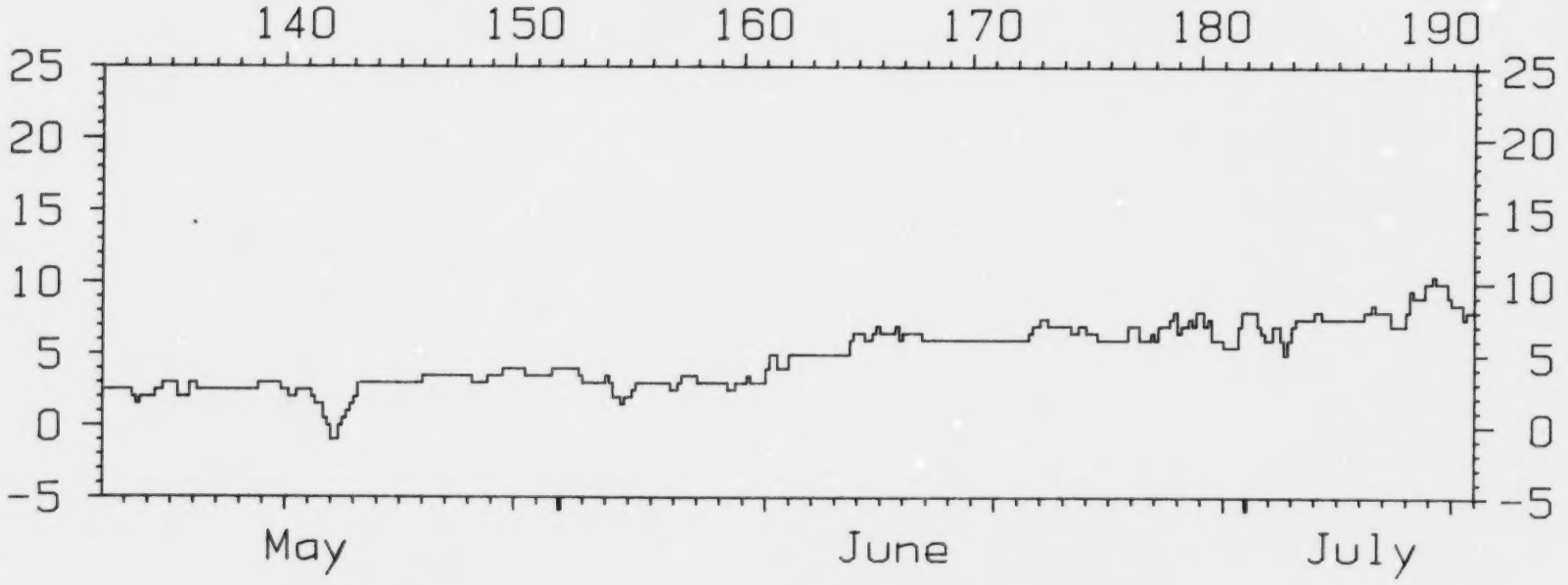
Instrument : 62477

Station 6C

STOCK COVE NFLD (Page 1)

Pos. : 48.71, 53.76 Depth : 9 meters

May 12, 1983 00:00 GMT to July 11, 1983 00:00 GMT



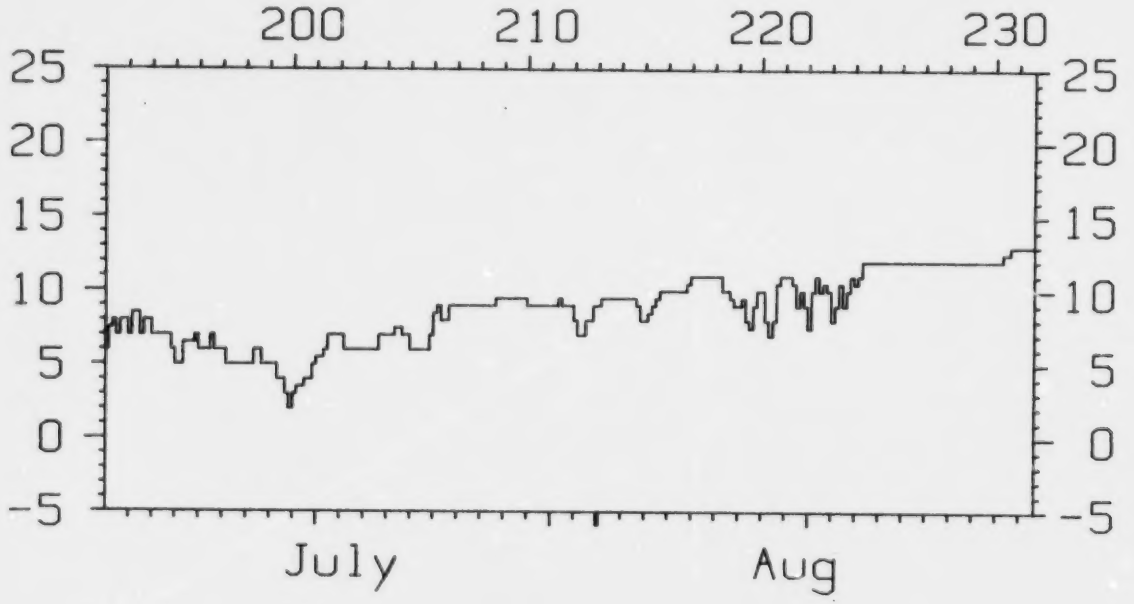
Instrument : 62499

Station 6D

STOCK COVE NFLD (Page 2)

Pos. : 48.71, 53.76 Depth : 9 meters

July 11, 1983 00:00 GMT to Aug 19, 1983 16:00 GMT

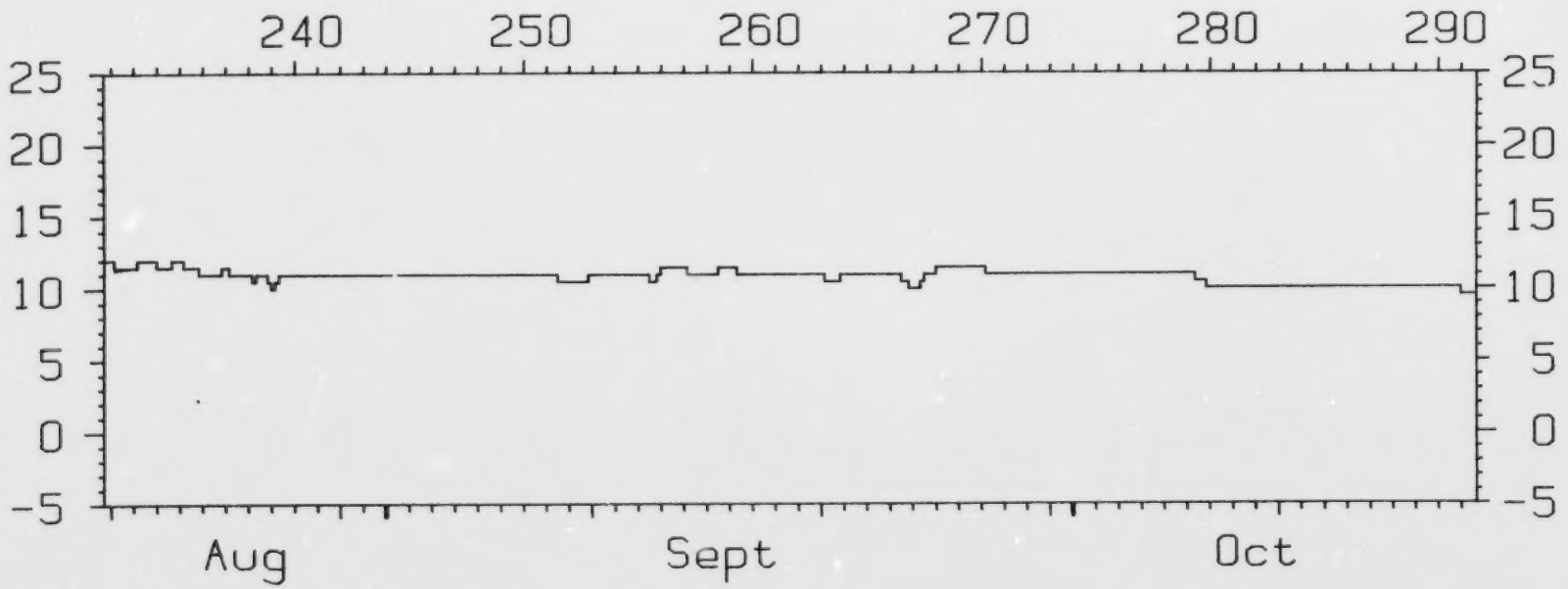


Instrument : 62499

STOCK COVE NFLD (Page 1)

Pos. : 48.71, 53.76 Depth : 9 meters

Aug 19, 1983 16:00 GMT to Oct 18, 1983 16:00 GMT



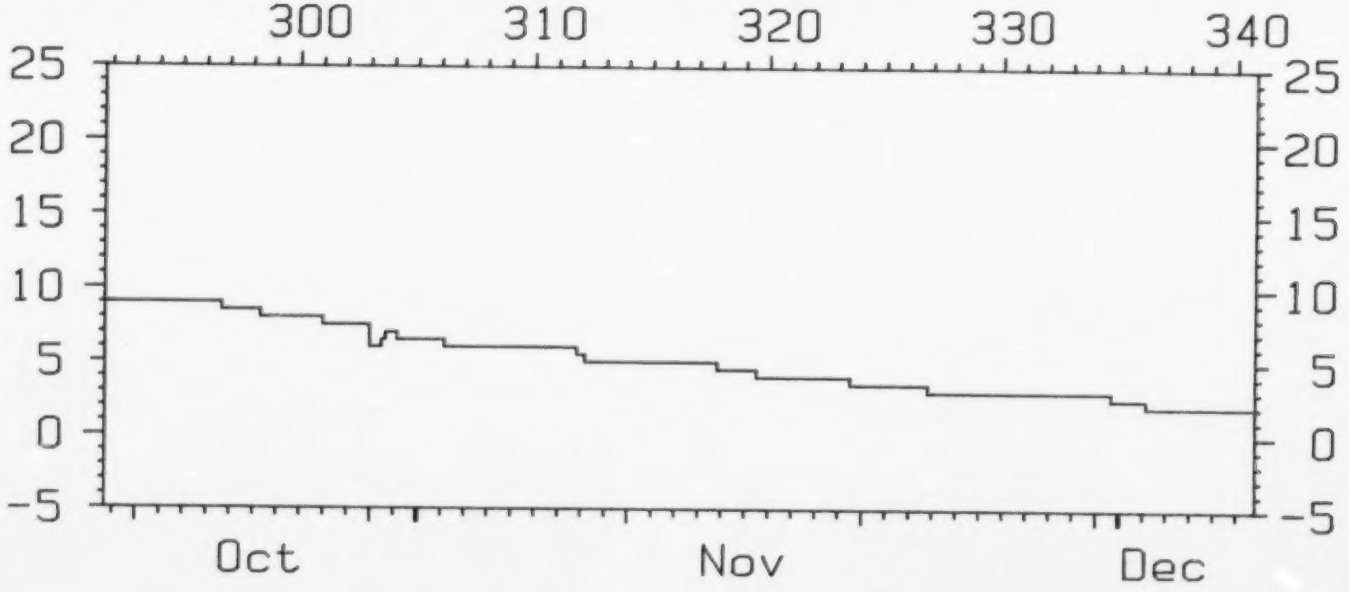
Instrument : 62477

Station 6E

STOCK COVE NFLD (Page 2)

Pos. : 48.71, 53.76 Depth : 9 meters

Oct 18, 1983 16:00 GMT to Dec 6, 1983 20:00 GMT

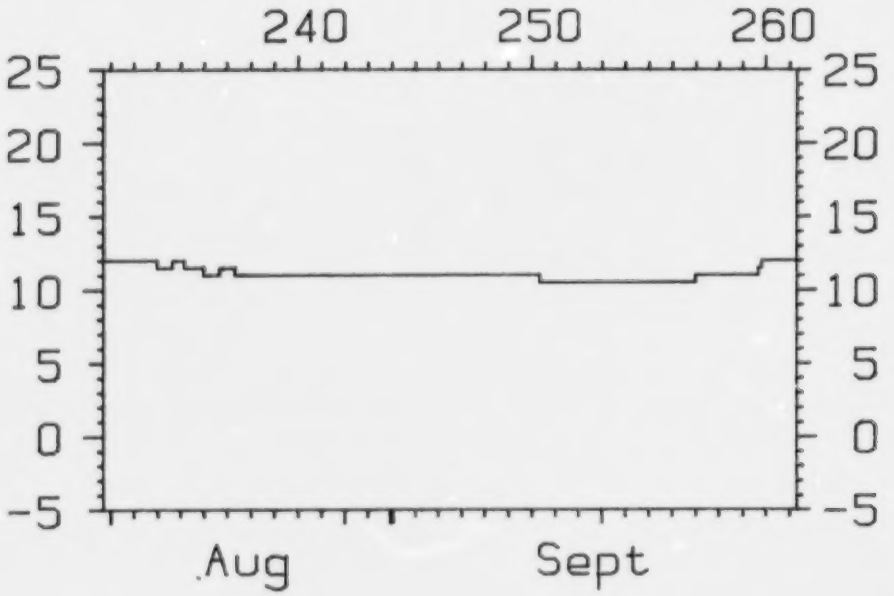


Instrument : 62477

STOCK COVE NFLD

Pos. : 48.71, 53.76 Depth : 9 meters

Aug 19, 1983 16:00 GMT to Sept 18, 1983 08:00 GMT



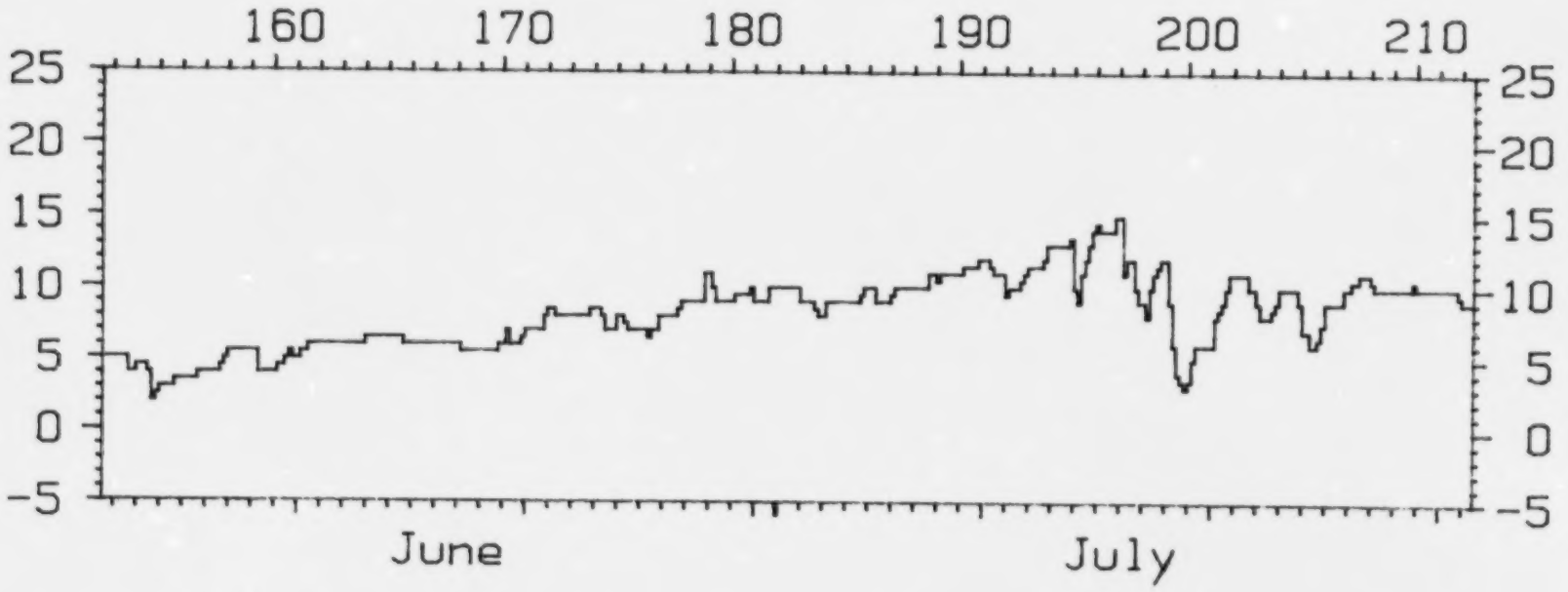
Instrument : 62499

Station 6F

SALVAGE BAY NFLD. (Page 1)

Pos. : 48.68, 53.65 Depth : 1 meter

June 1, 1983 12:00 GMT to July 31, 1983 12:00 GMT



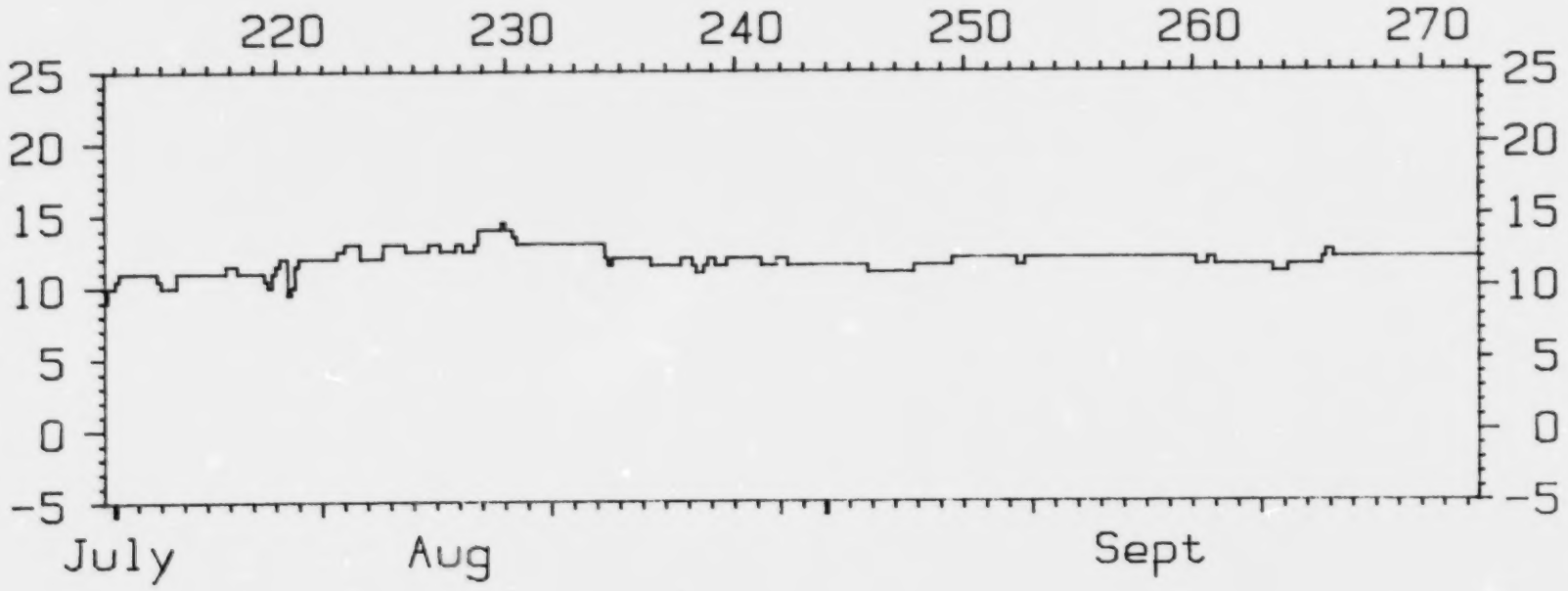
Instrument : 60734

Station 7A

SALVAGE BAY NFLD. (Page 2)

Pos. : 48.68, 53.65 Depth : 1 meter

July 31, 1983 12:00 GMT to Sept 29, 1983 12:00 GMT

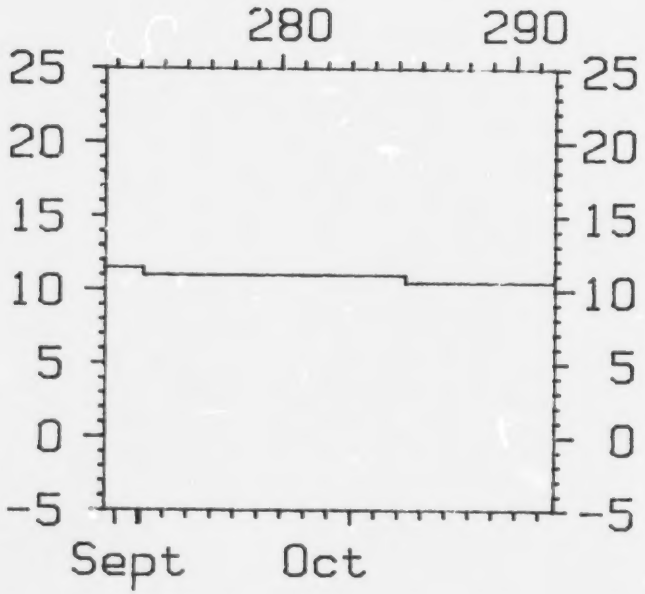


Instrument : 60734

SALVAGE BAY NFLD. (Page 3)

Pos. : 48.68, 53.65 Depth : 1 meter

Sept 29, 1983 12:00 GMT to Oct 18, 1983 16:00 GMT

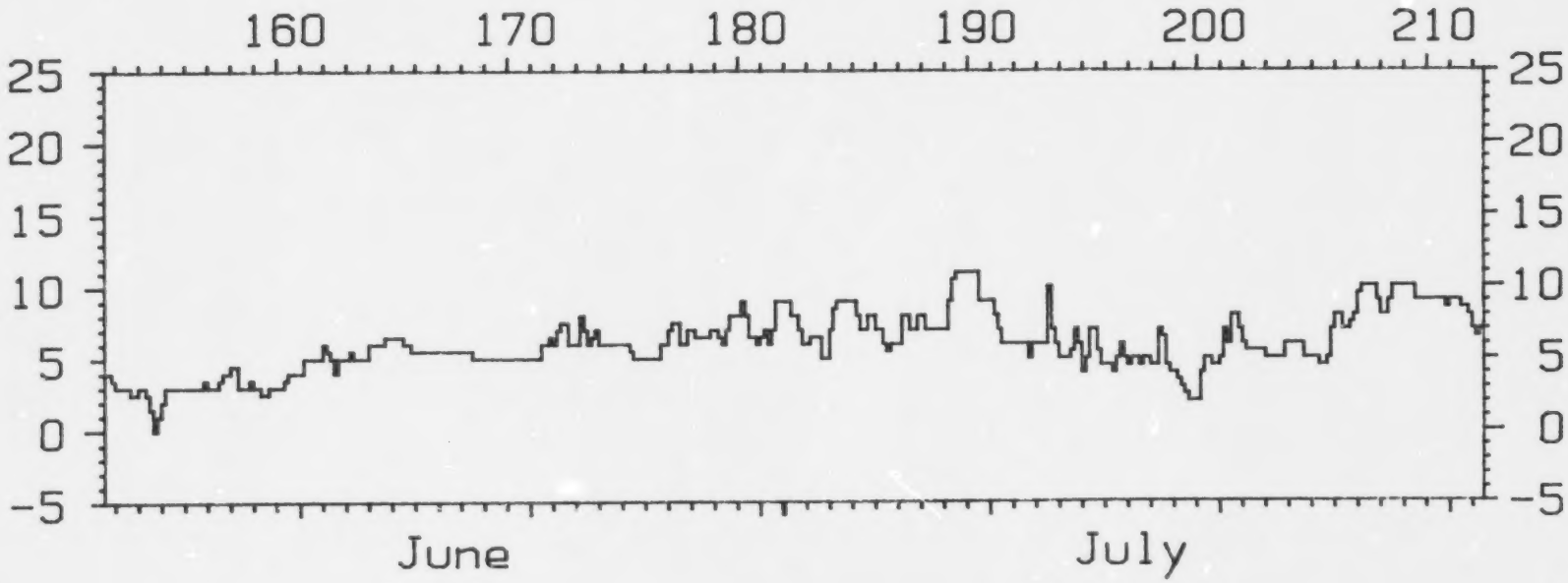


Instrument : 60734

SALVAGE BAY NFLD. (Page 1)

Pos. : 48.68, 53.65 Depth : 10 meters

June 1, 1983 12:00 GMT to July 31, 1983 12:00 GMT



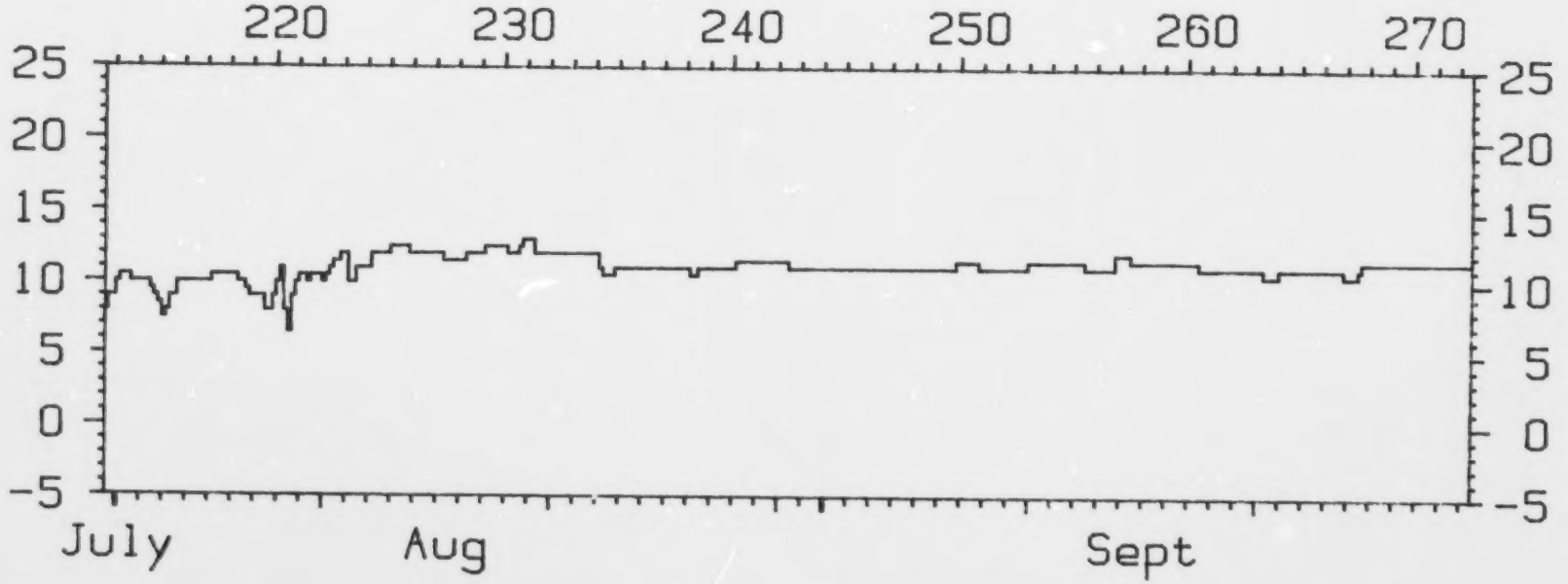
Instrument : 61670

Station 7B

SALVAGE BAY NFLD. (Page 2)

Pos. : 48.68, 53.65 Depth : 10 meters

July 31, 1983 12:00 GMT to Sept 29, 1983 12:00 GMT

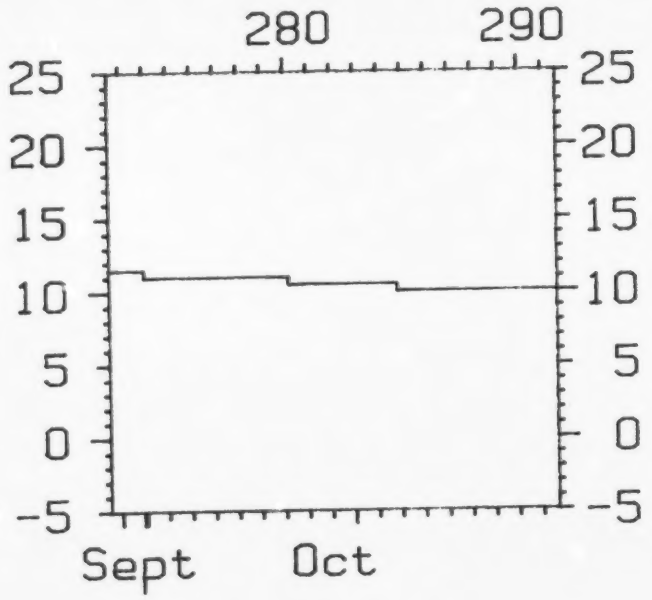


Instrument : 61670

SALVAGE BAY NFLD. (Page 3)

Pos. : 48.68, 53.65 Depth : 10 meters

Sept 29, 1983 12:00 GMT to Oct 18, 1983 16:00 GMT

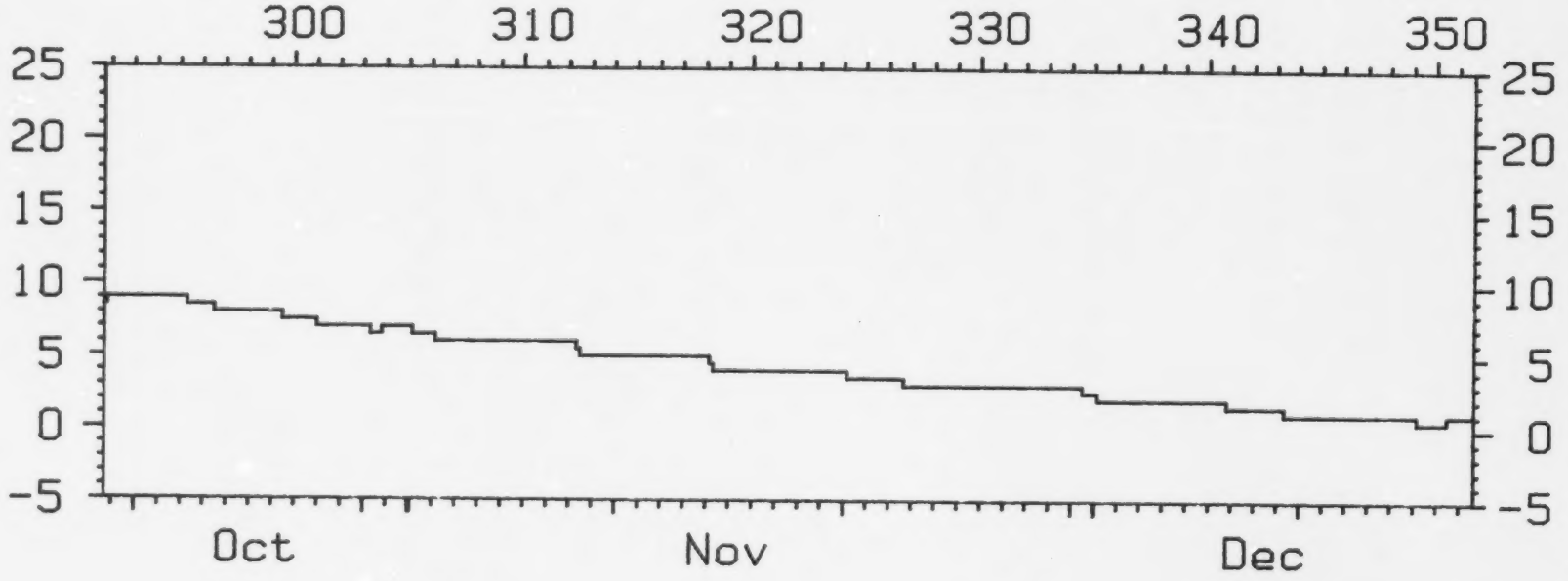


Instrument : 61670

SALVAGE BAY NFLD. (Page 1)

Pos. : 48.68, 53.65 Depth : 1 meter

Oct 18, 1983 16:00 GMT to Dec 17, 1983 16:00 GMT



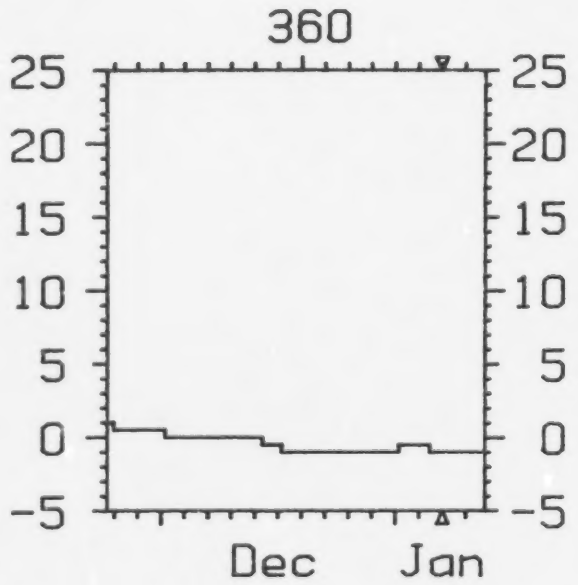
Instrument : 62548

Station 7C

SALVAGE BAY NFLD. (Page 2)

Pos. : 48.68, 53.65 Depth : 1 meter

Dec 17, 1983 16:00 GMT to Jan 2, 1984 20:00 GMT



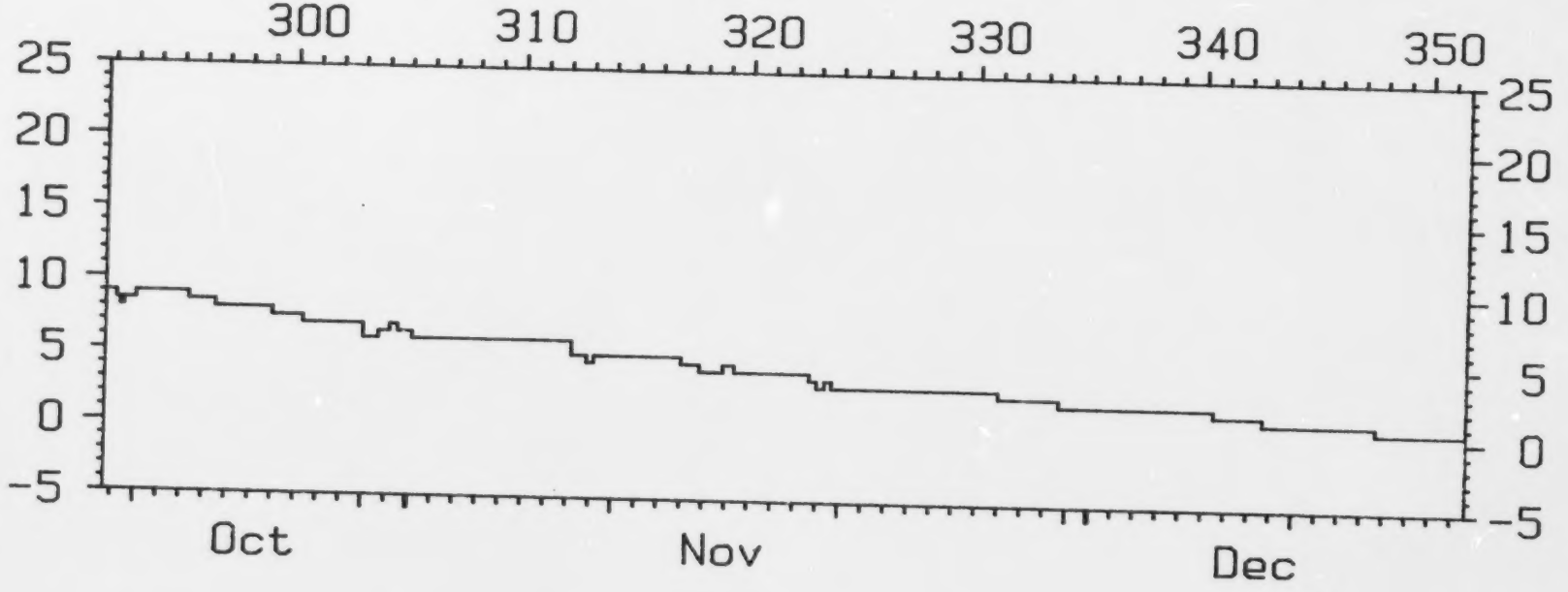
Instrument : 62548

SALVAGE BAY NFLD.

(Page 1)

Pos. : 48.68, 53.65 Depth : 10 meters

Oct 18, 1983 16:00 GMT to Dec 17, 1983 16:00 GMT



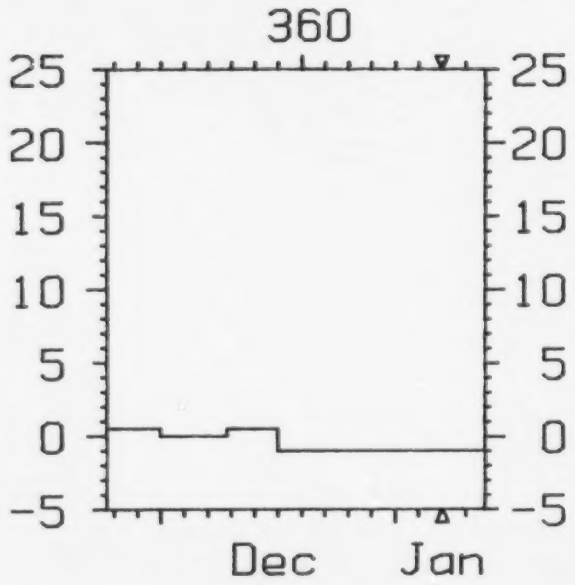
Instrument : 62544

Station 7D

SALVAGE BAY NFLD. (Page 2)

Pos. : 48.68, 53.65 Depth : 10 meters

Dec 17, 1983 16:00 GMT to Jan 2, 1984 20:00 GMT

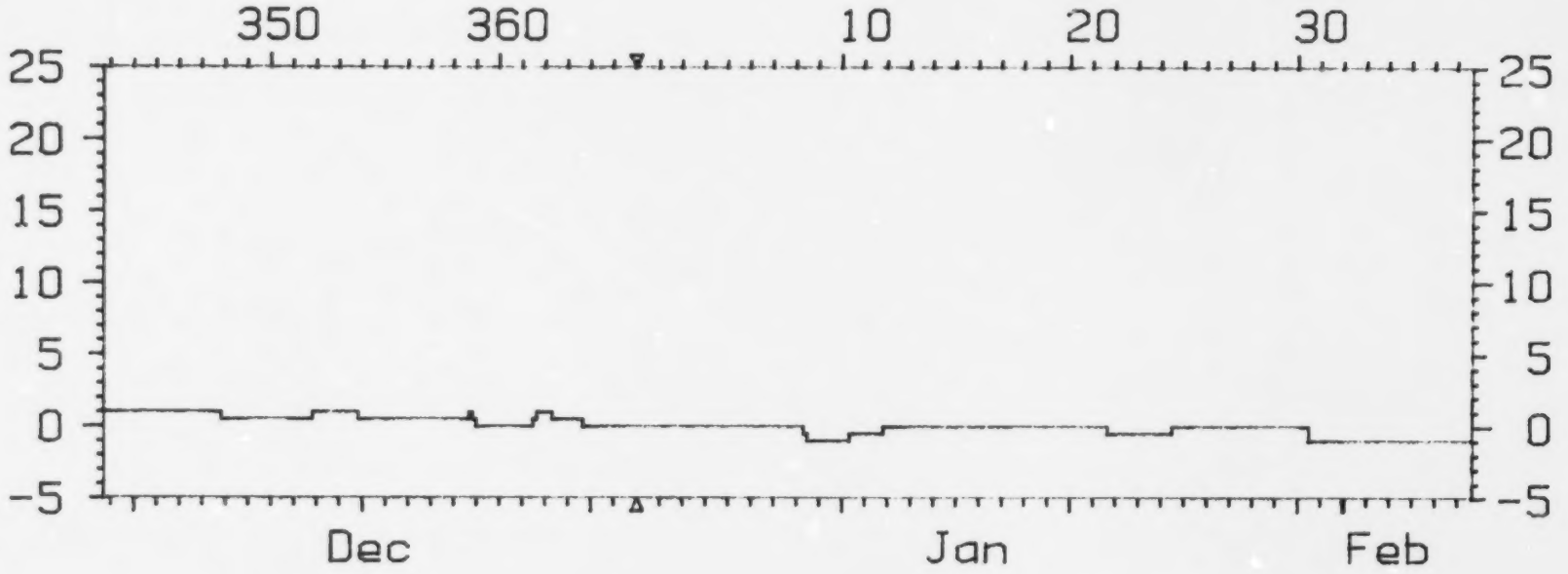


Instrument : 62544

TERRA NOVA NATIONAL PARK NFLD (Page 1)

Pos. : 48.47, 53.93 Depth : 10 meters

Dec 8, 1982 16:00 GMT to Feb 6, 1983 16:00 GMT



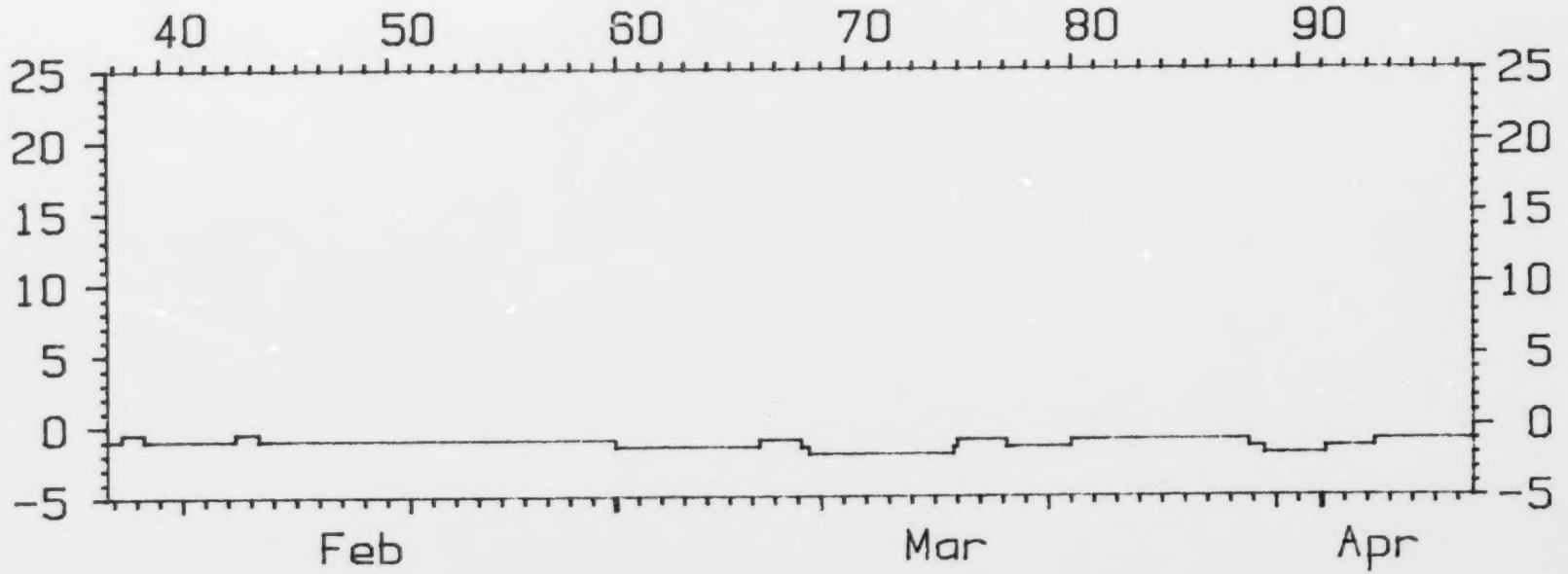
Instrument : 62552

Station 8A

TERRA NOVA NATIONAL PARK NFLD (Page 2)

Pos. : 48.47, 53.93 Depth : 10 meters

Feb 6, 1983 16:00 GMT to Apr 7, 1983 16:00 GMT

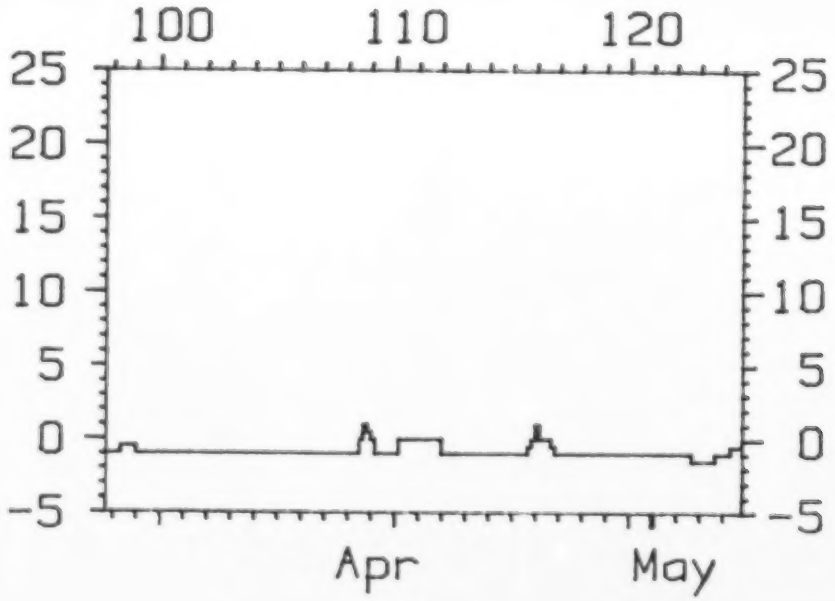


Instrument : 62552

TERRA NOVA NATIONAL PARK NFLD (Page 3)

Pos. : 48.47, 53.93 Depth : 10 meters

Apr 7, 1983 16:00 GMT to May 4, 1983 20:00 GMT

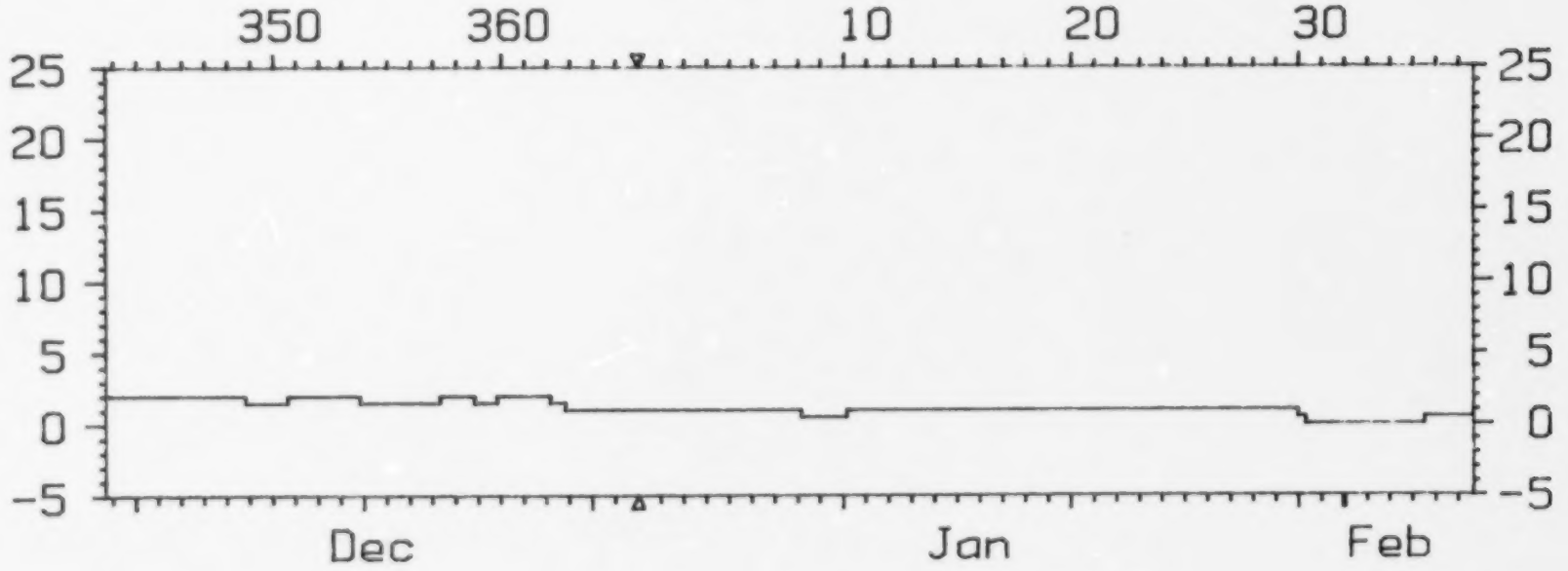


Instrument : 62552

TERRA NOVA N. PARK NFLD. (Page 1)

Pos. : 48.47, 53.93 Depth : 20 meters

Dec 8, 1982 16:00 GMT to Feb 6, 1983 16:00 GMT



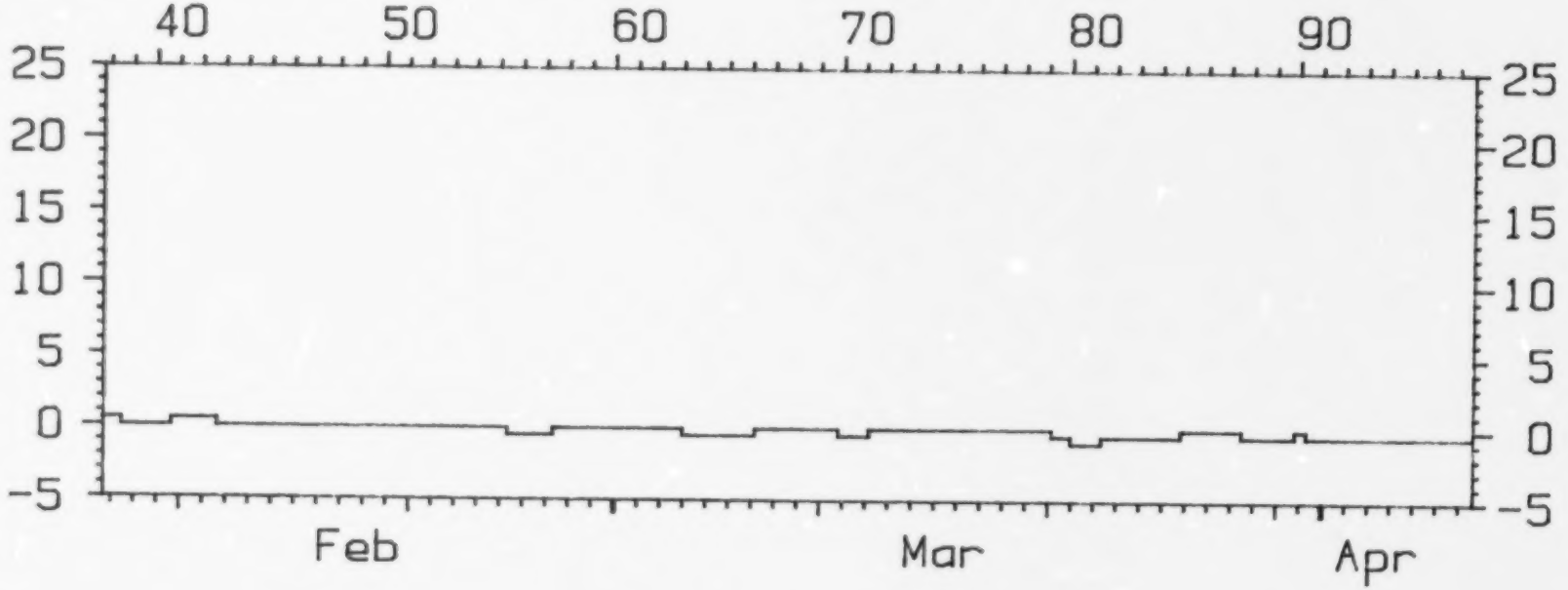
Instrument : 62508

Station 8B

TERRA NOVA N. PARK NFLD. (Page 2)

Pos. : 48.47, 53.93 Depth : 20 meters

Feb 6, 1983 16:00 GMT to Apr 7, 1983 16:00 GMT

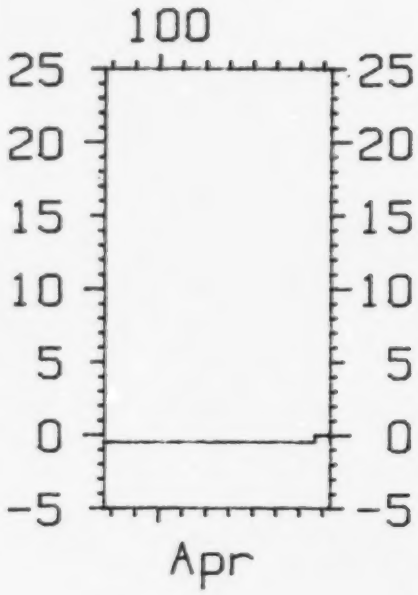


Instrument : 62508

TERRA NOVA N. PARK NFLD. (Page 3)

Pos. : 48.47, 53.93 Depth : 20 meters

Apr 7, 1983 16:00 GMT to Apr 17, 1983 08:00 GMT

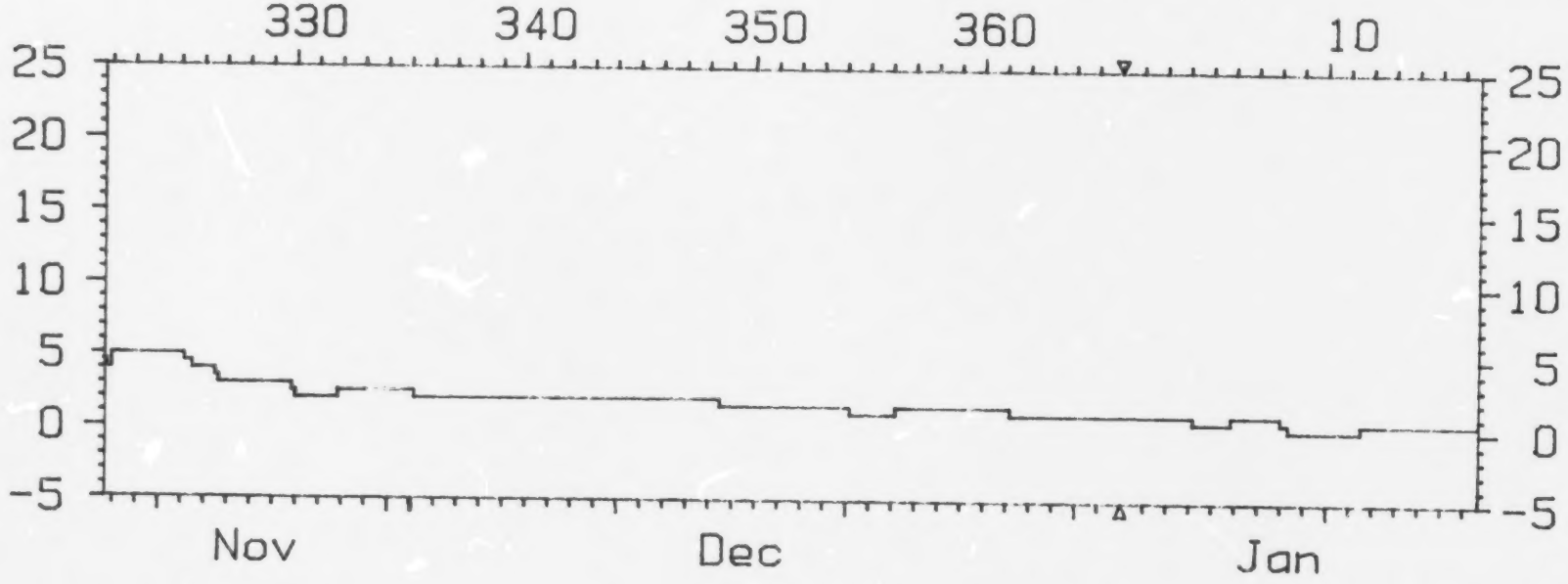


Instrument : 62508

TERRA NOVA NATIONAL PARK NFLD. (Page 1)

Pos. : 48.47, 53.93 Depth : 33 meters

Nov 17, 1982 16:00 GMT to Jan 16, 1983 16:00 GMT



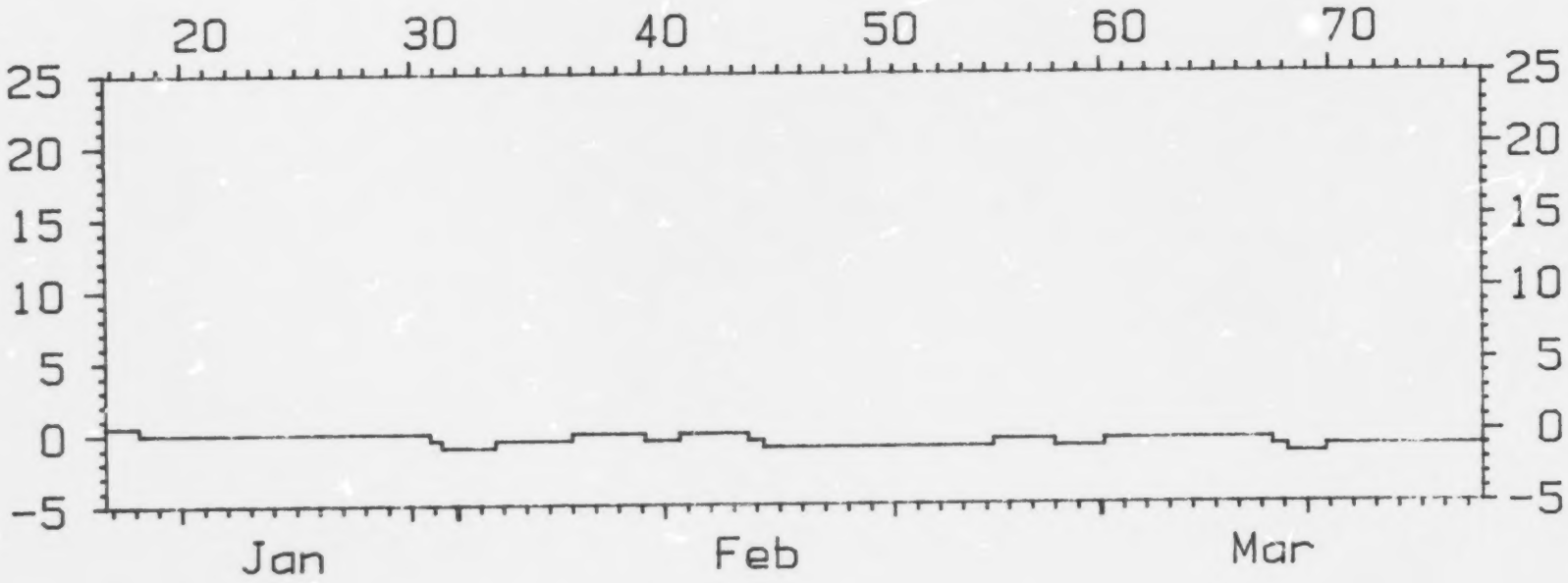
Instrument : 62540

Station 8C

TERRA NOVA NATIONAL PARK NFLD. (Page 2)

Pos. : 48.47, 53.93 Depth : 33 meters

Jan 16, 1983 16:00 GMT to Mar 17, 1983 16:00 GMT

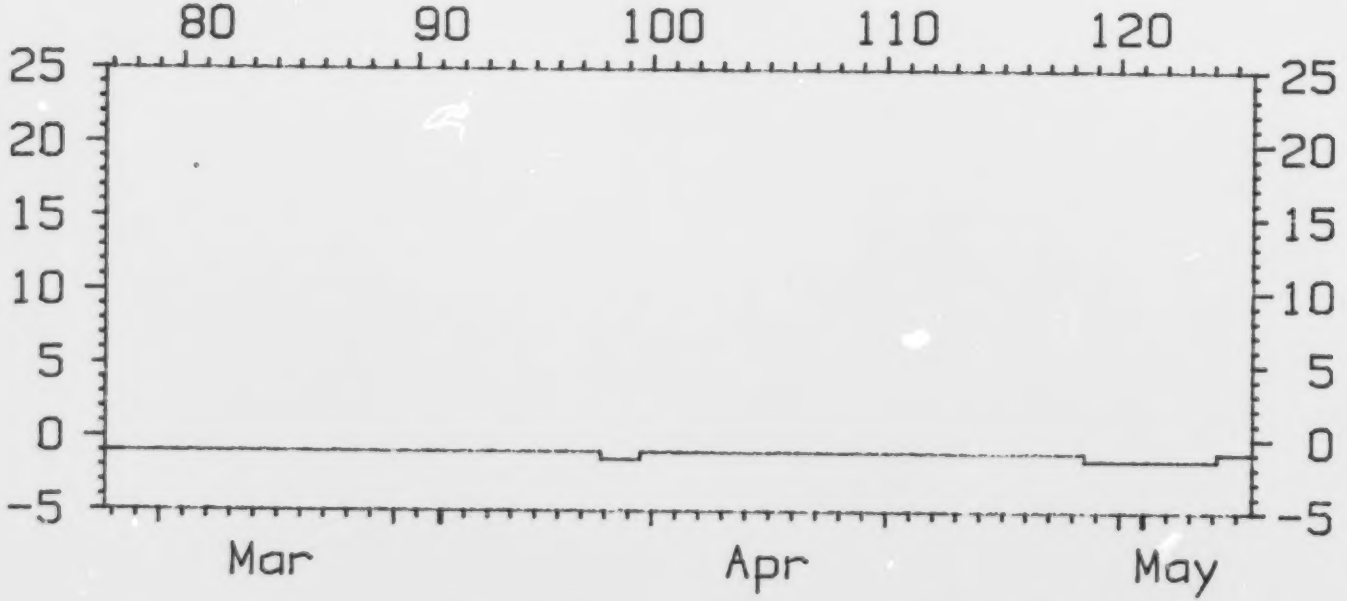


Instrument : 62540

TERRA NOVA NATIONAL PARK NFLD. (Page 3)

Pos. : 48. 47, 53. 93 Depth : 33 meters

Mar 17, 1983 16:00 GMT to May 5, 1983 16:00 GMT

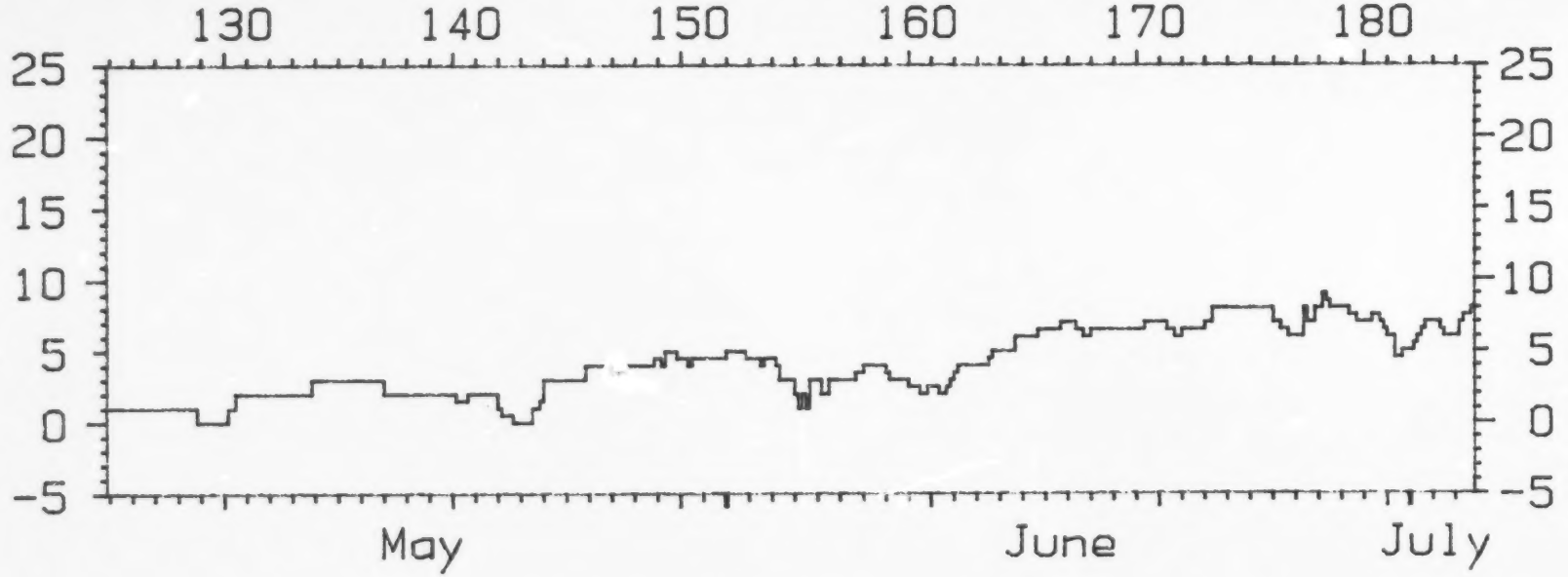


Instrument : 62540

TERRA NOVA NATIONAL PARK NFLD. (Page 1)

Pos. : 48.47, 53.93 Depth : 10 meters

May 4, 1983 20:00 GMT to July 3, 1983 20:00 GMT



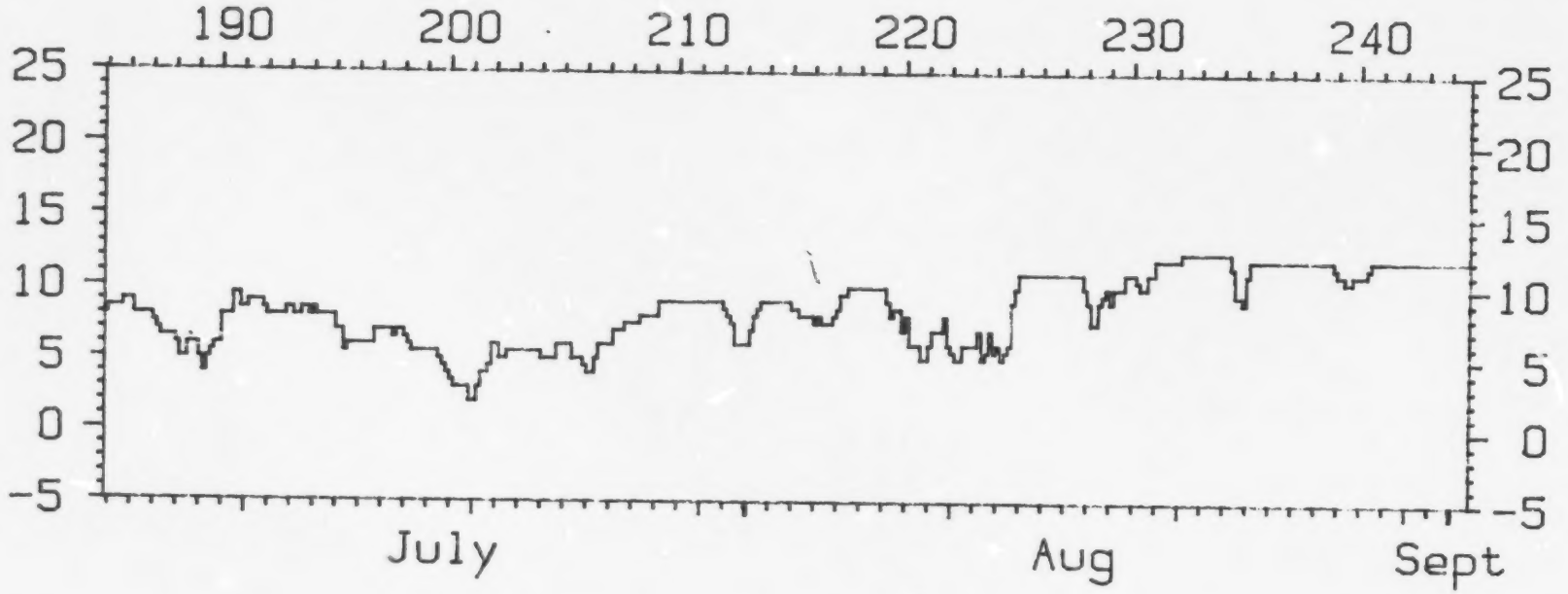
Instrument : 62457

Station 8D

TERRA NOVA NATIONAL PARK NFLD. (Page 2)

Pos. : 48.47, 53.93 Depth : 10 meters

July 3, 1983 20:00 GMT to Sept 1, 1983 20:00 GMT

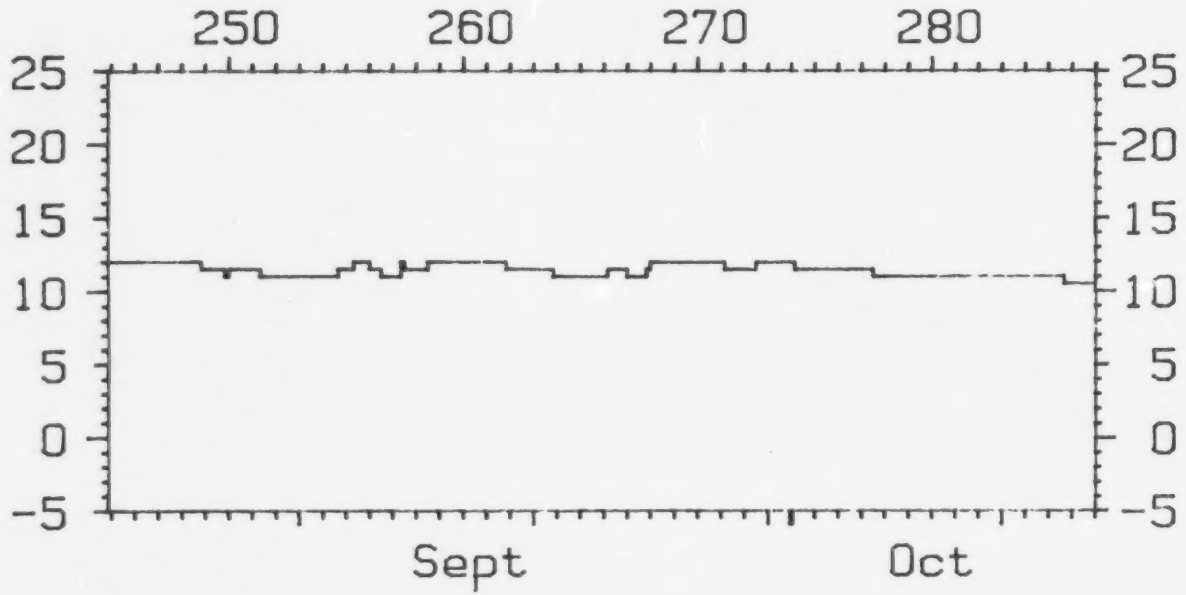


Instrument : 62457

TERRA NOVA NATIONAL PARK NFLD. (Page 3)

Pos. : 48.47, 53.93 Depth : 10 meters

Sept 1, 1983 20:00 GMT to Oct 14, 1983 00:00 GMT

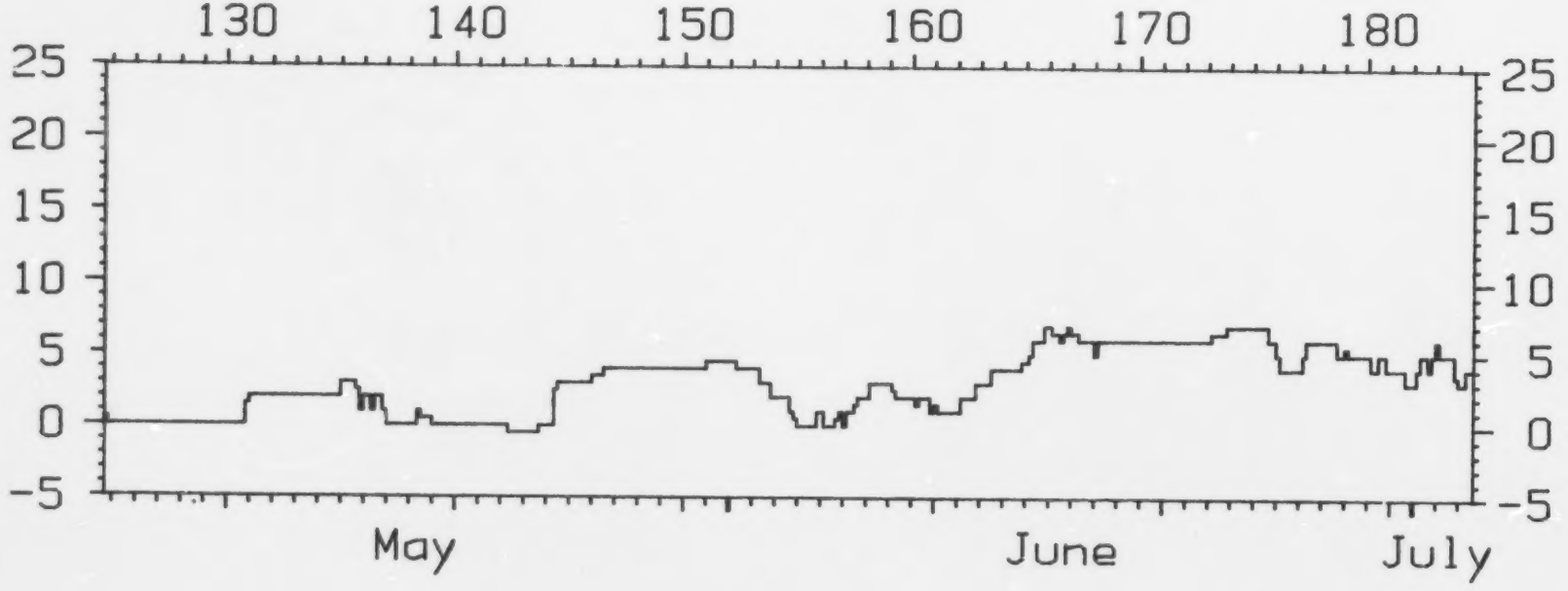


Instrument : 62457

TERRA NOVA NATIONAL PARK NFLD (Page 1)

Pos. : 48.47, 53.93 Depth : 20 meters

May 4, 1983 16:00 GMT to July 3, 1983 16:00 GMT



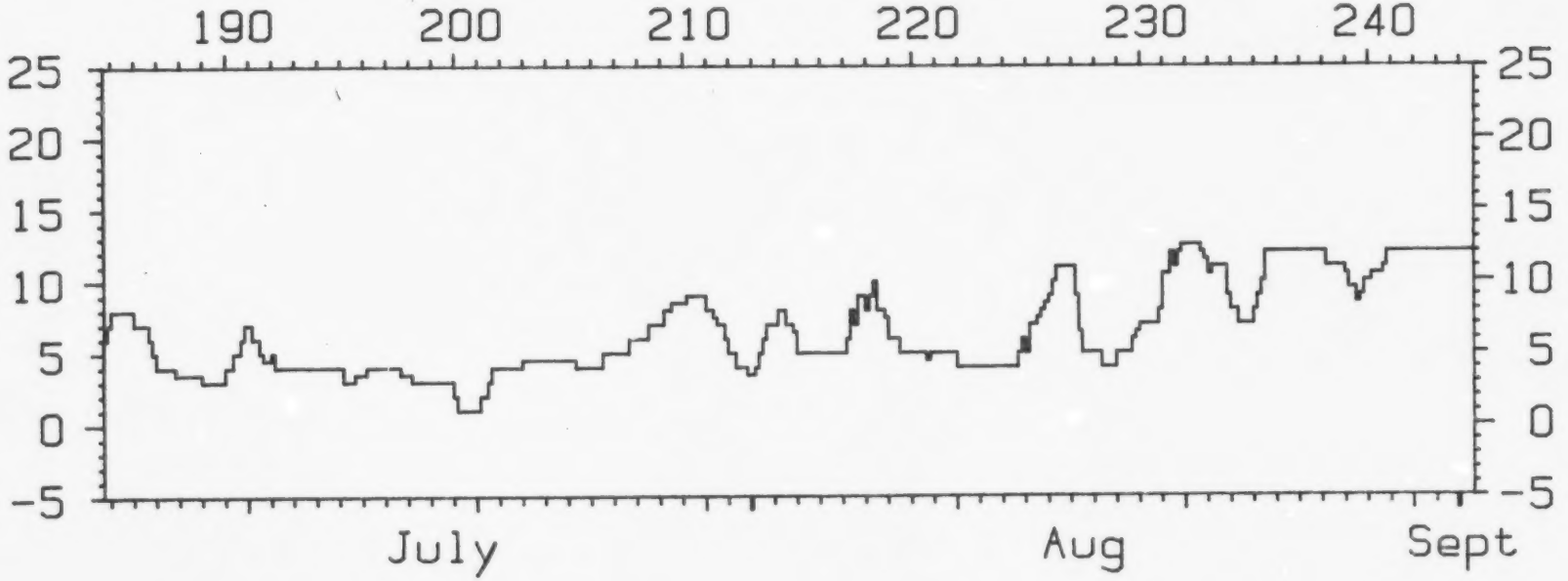
Instrument : 60989

Station 8E

TERRA NOVA NATIONAL PARK NFLD (Page 2)

Pos. : 48.47, 53.93 Depth : 20 meters

July 3, 1983 16:00 GMT to Sept 1, 1983 16:00 GMT



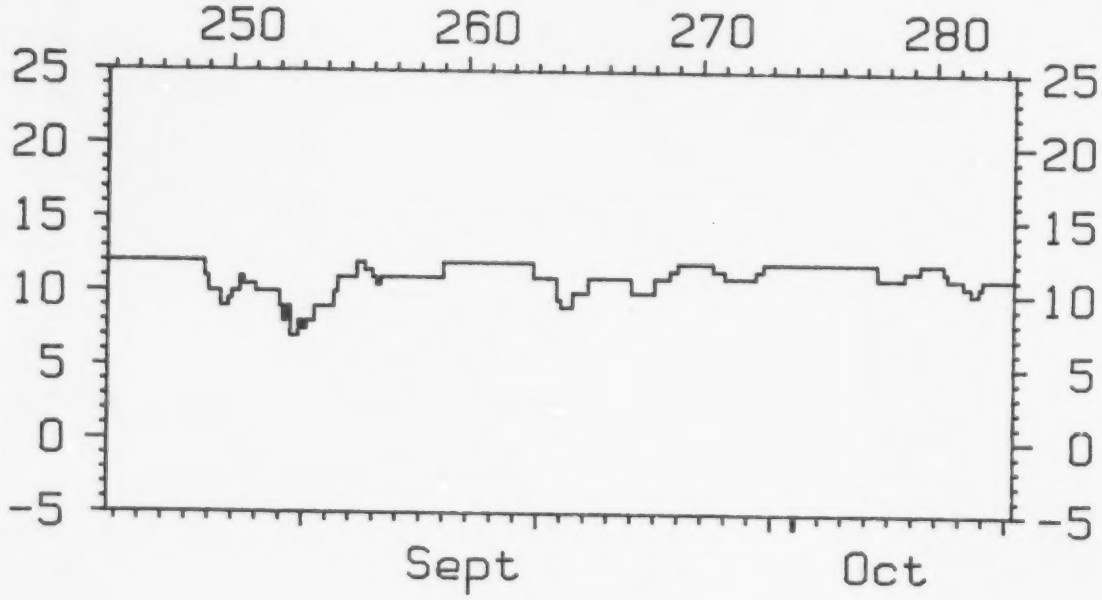
Instrument : 60989

Station 8E (Cont'd)

TERRA NOVA NATIONAL PARK NFLD (Page 3)

Pos. : 48.47, 53.93 Depth : 20 meters

Sept 1, 1983 16:00 GMT to Oct 10, 1983 08:00 GMT

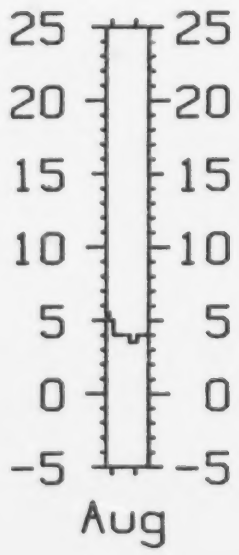


Instrument : 60989

TERRA NOVA NATIONAL PARK NFLD.

Pos. : 48.47, 53.93 Depth : 20 meters

Aug 10, 1982 18:00 GMT to Aug 12, 1982 14:00 GMT



Instrument : 61656

TAPE TRANSPORT MECHANISM FAILED AUGUST 12.

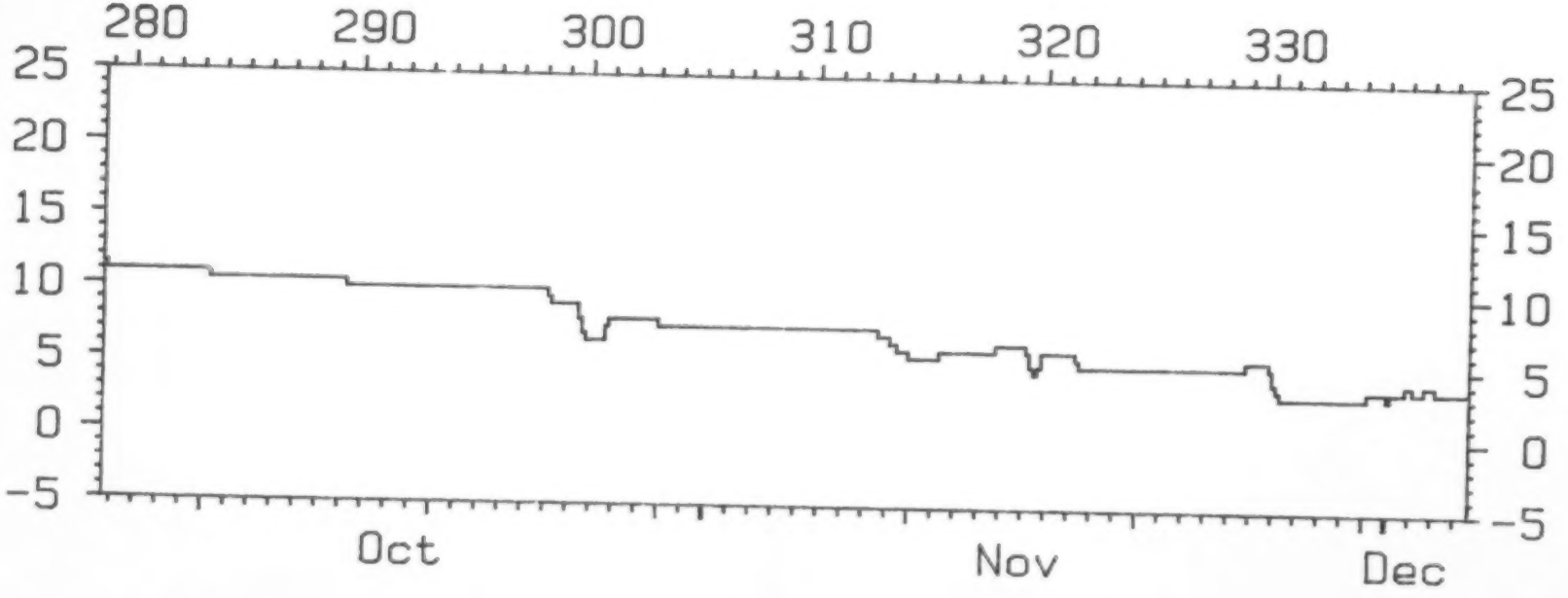
Station 8F

SUNNYSIDE NFLD.

(Page 1)

Pos. : 47.85, 53.92 Depth : 10 meters

Oct 5, 1982 16:00 GMT to Dec 4, 1982 16:00 GMT



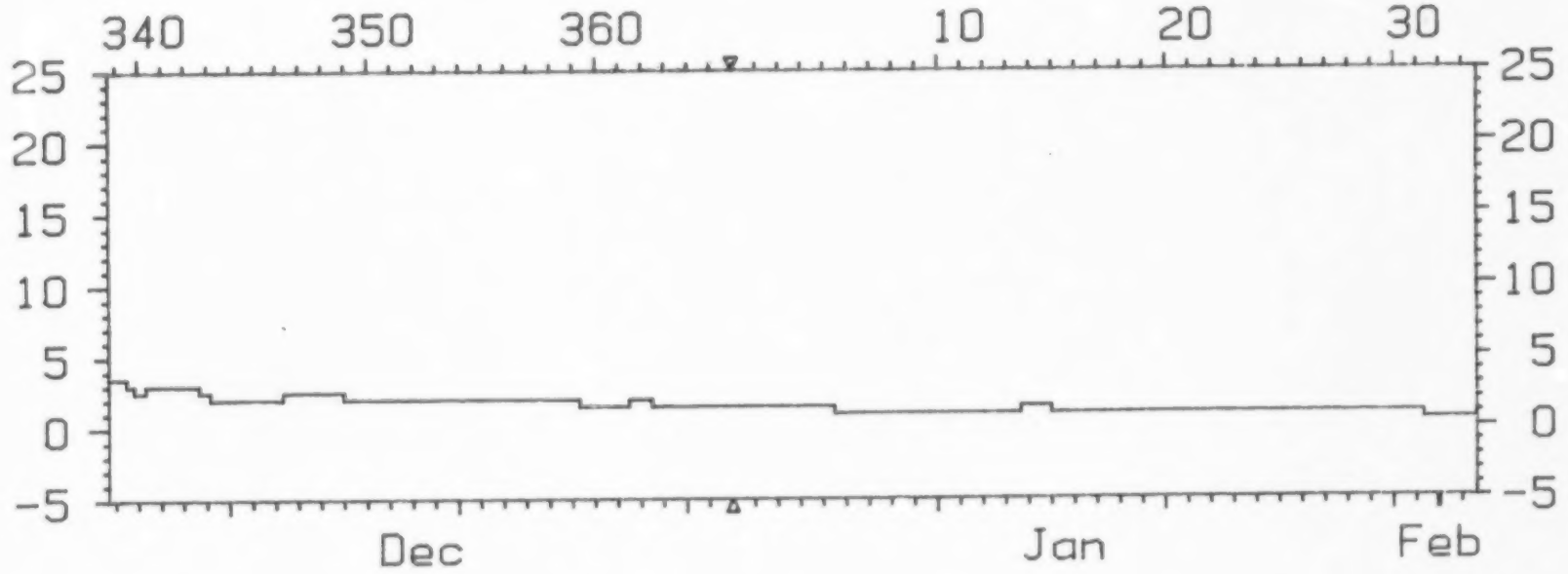
Instrument : 61625

Station 9A

SUNNYSIDE NFLD. (Page 2)

Pos. : 47.85, 53.92 Depth : 10 meters

Dec 4, 1982 16:00 GMT to Feb 2, 1983 16:00 GMT

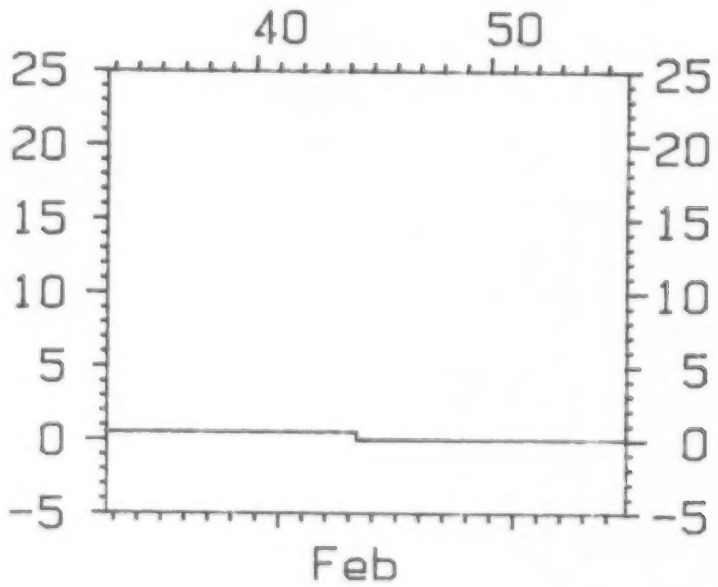


Instrument : 61625

SUNNYSIDE NFLD. (Page 3)

Pos. : 47.85, 53.92 Depth : 10 meters

Feb 2, 1983 16:00 GMT to Feb 24, 1983 20:00 GMT

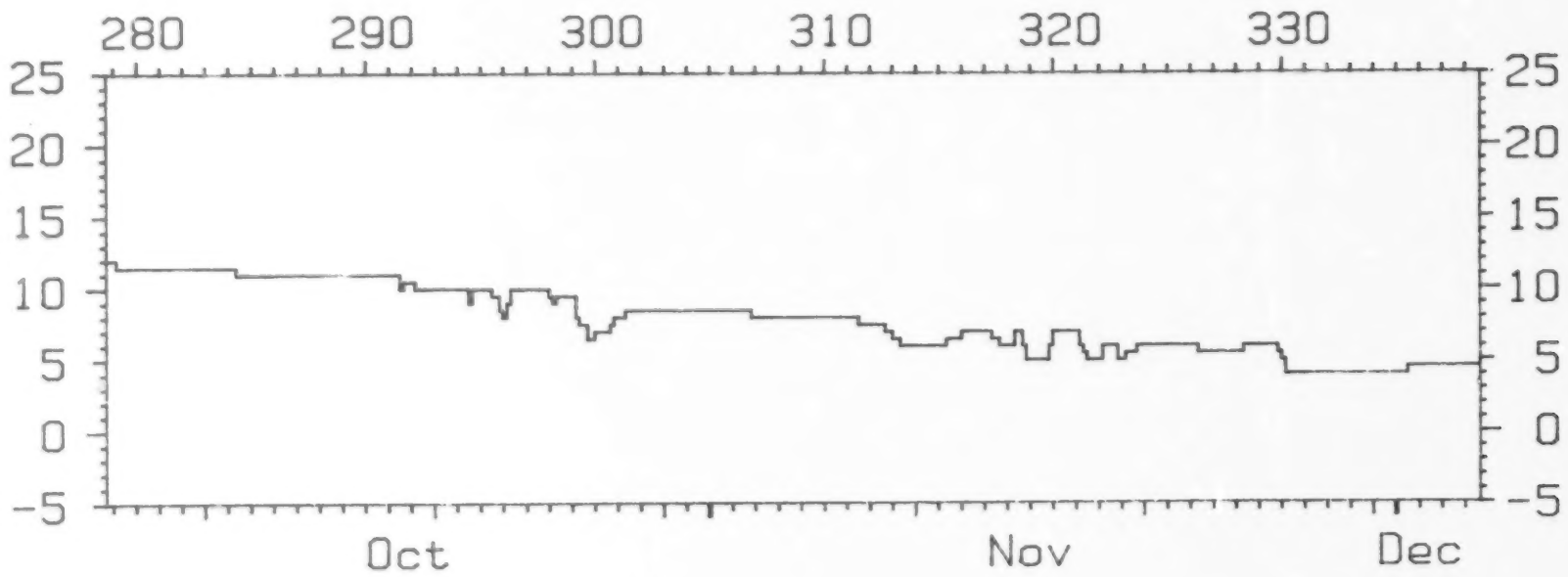


Instrument : 61625

SUNNYSIDE NFLD. (Page 1)

Pos. : 47.85, 53.92 Depth : 20 meters

Oct 5, 1982 16:00 GMT to Dec 4, 1982 16:00 GMT



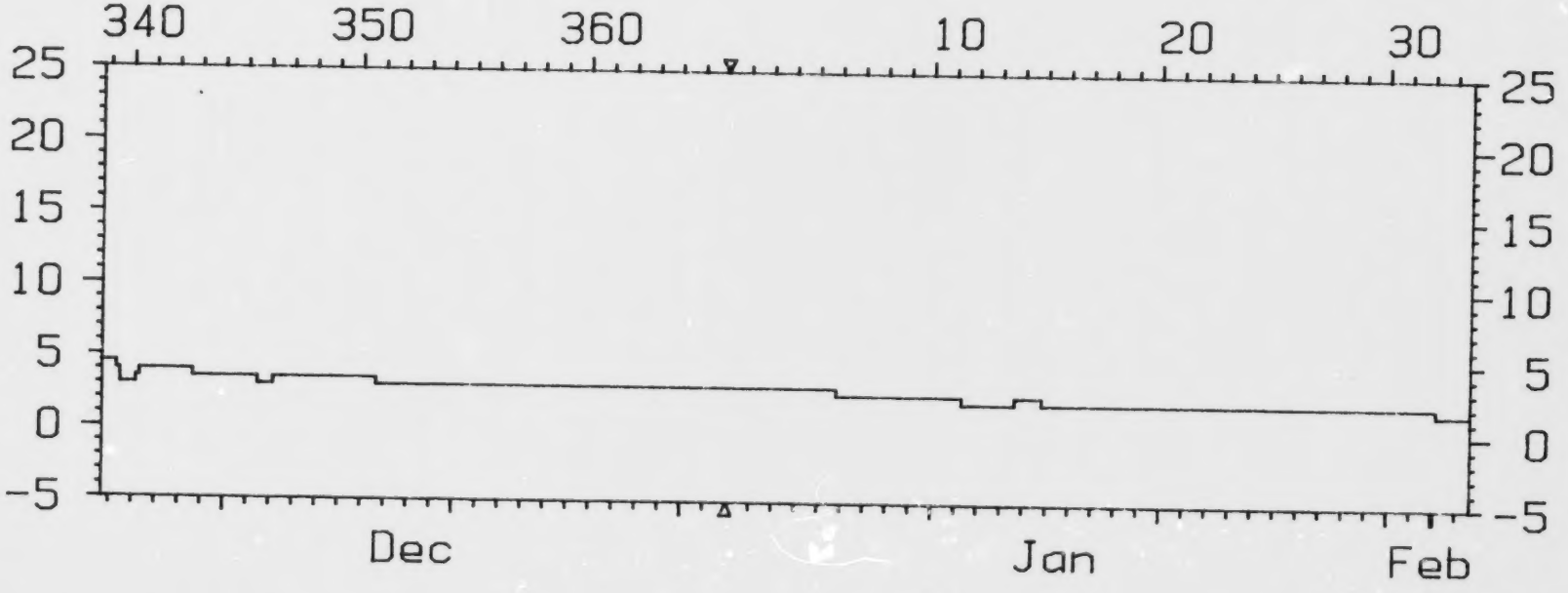
Instrument : 62493

Station 9B

SUNNYSIDE NFLD. (Page 2)

Pos. : 47.85, 53.92 Depth : 20 meters

Dec 4, 1982 16:00 GMT to Feb 2, 1983 16:00 GMT

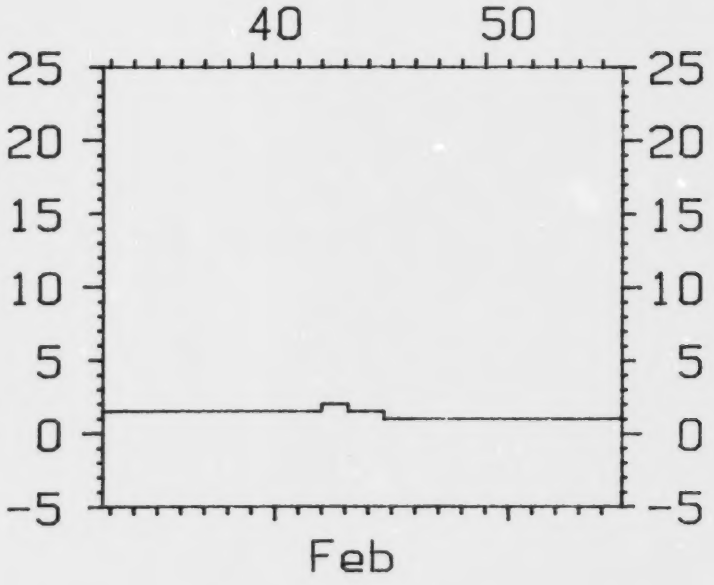


Instrument : 62493

SUNNYSIDE NFLD. (Page 3)

Pos. : 47.85, 53.92 Depth : 20 meters

Feb 2, 1983 16:00 GMT to Feb 24, 1983 20:00 GMT

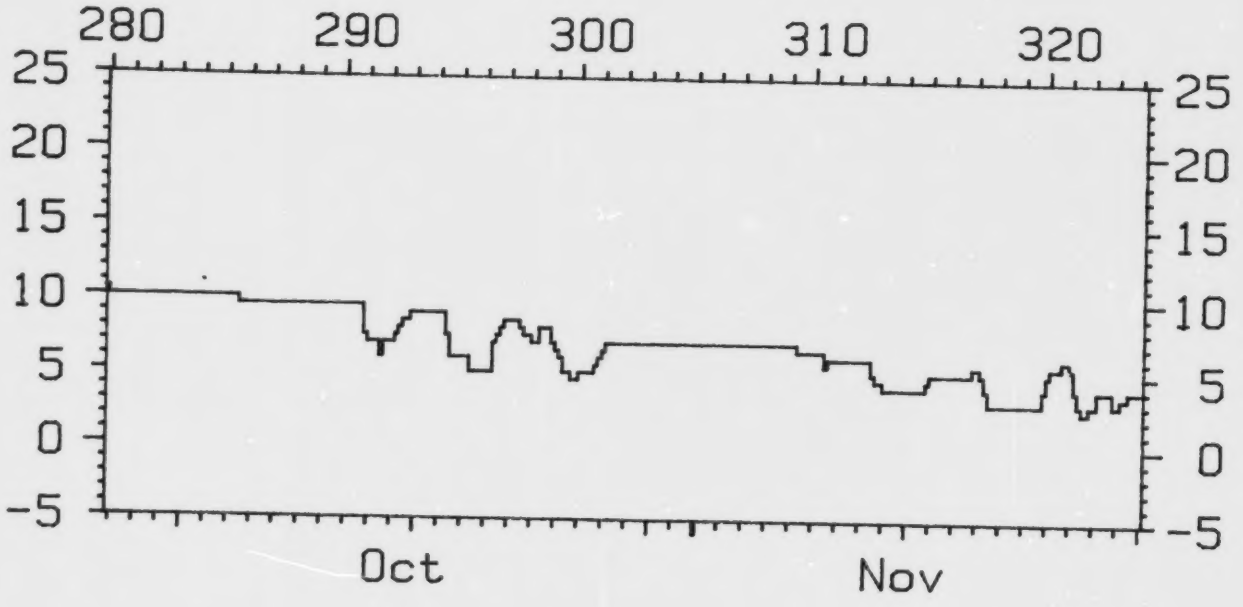


Instrument : 62493

SUNNYSIDE NFLD.

Pos. : 47.85, 53.92 Depth : 33 meters

Oct 6, 1982 20:00 GMT to Nov 20, 1982 04:00 GMT



Instrument : 60860

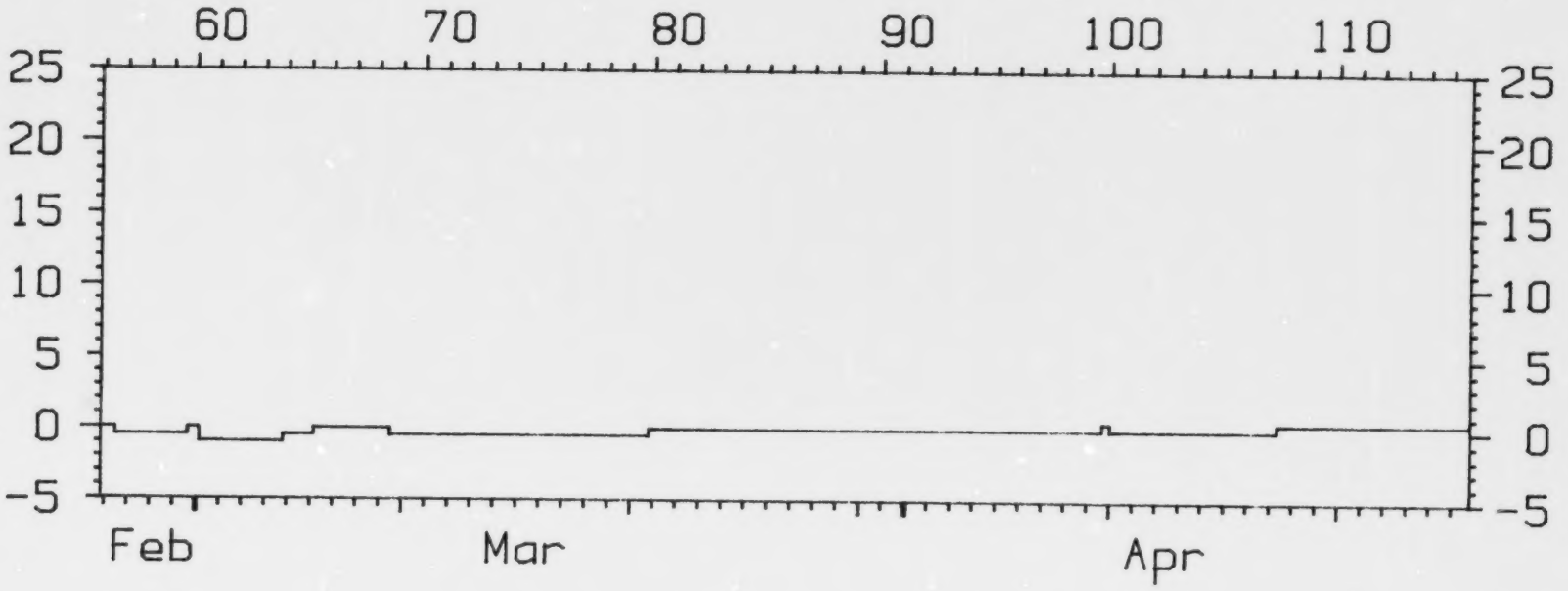
MECHANICAL FAILURE 20 NOVEMBER 1983.

Station 9C

SUNNYSIDE NFLD. (Page 1)

Pos. : 47.85, 53.92 Depth : 10 meters

Feb 24, 1983 20:00 GMT to Apr 25, 1983 20:00 GMT



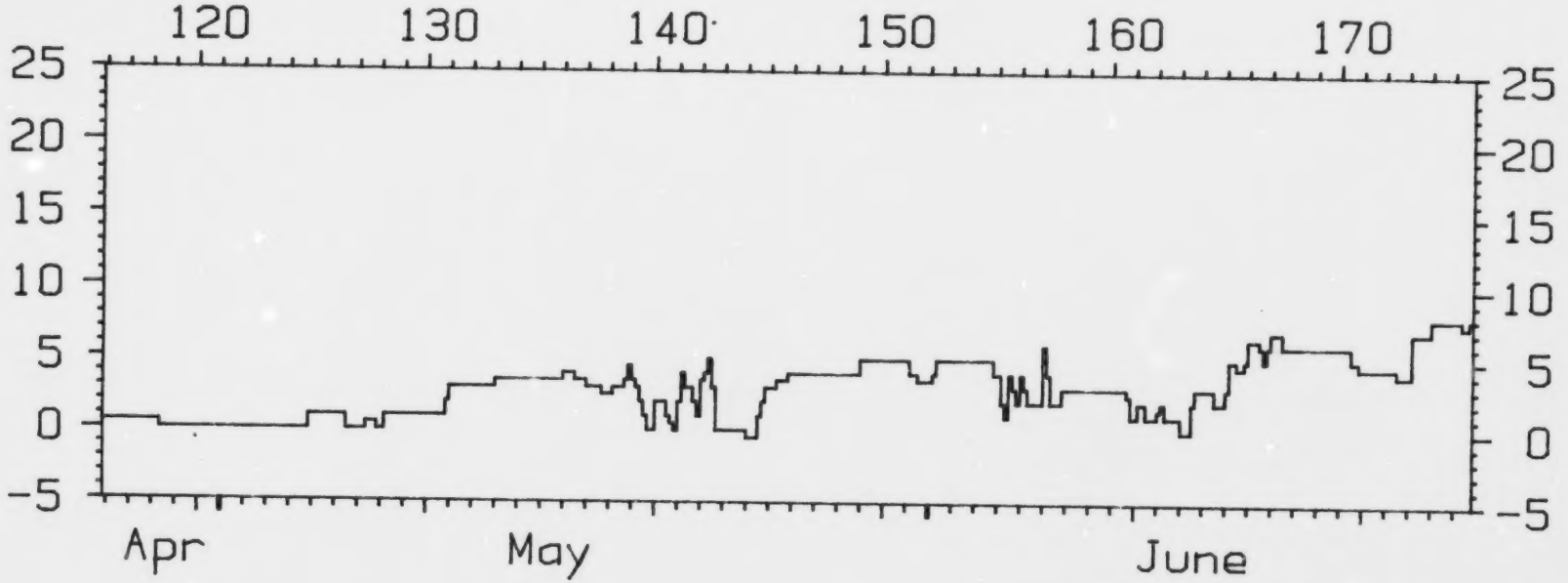
Instrument : 62479

Station 9D

SUNNYSIDE NFLD. (Page 2)

Pos. : 47.85, 53.92 Depth : 10 meters

Apr 25, 1983 20:00 GMT to June 24, 1983 20:00 GMT

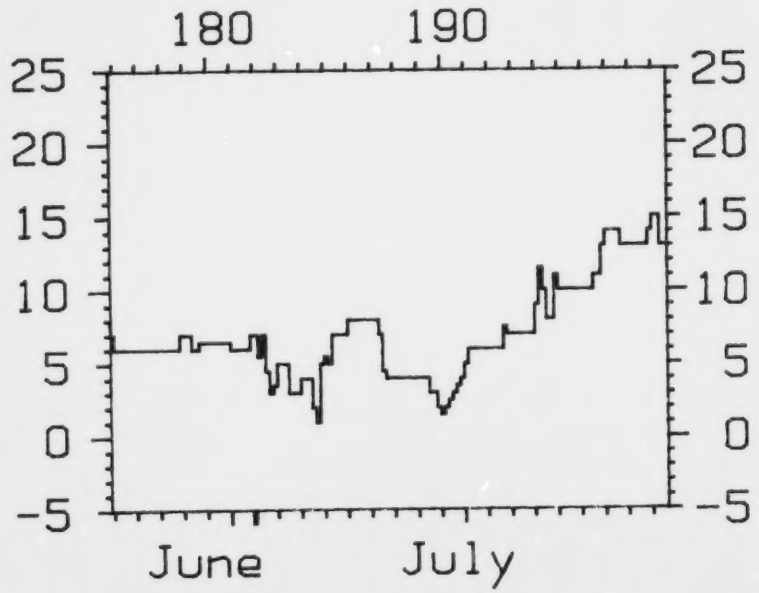


Instrument : 62479

SUNNYSIDE NFLD. (Page 3)

Pos. : 47.85, 53.92 Depth : 10 meters

June 24, 1983 20:00 GMT to July 18, 1983 16:00 GMT

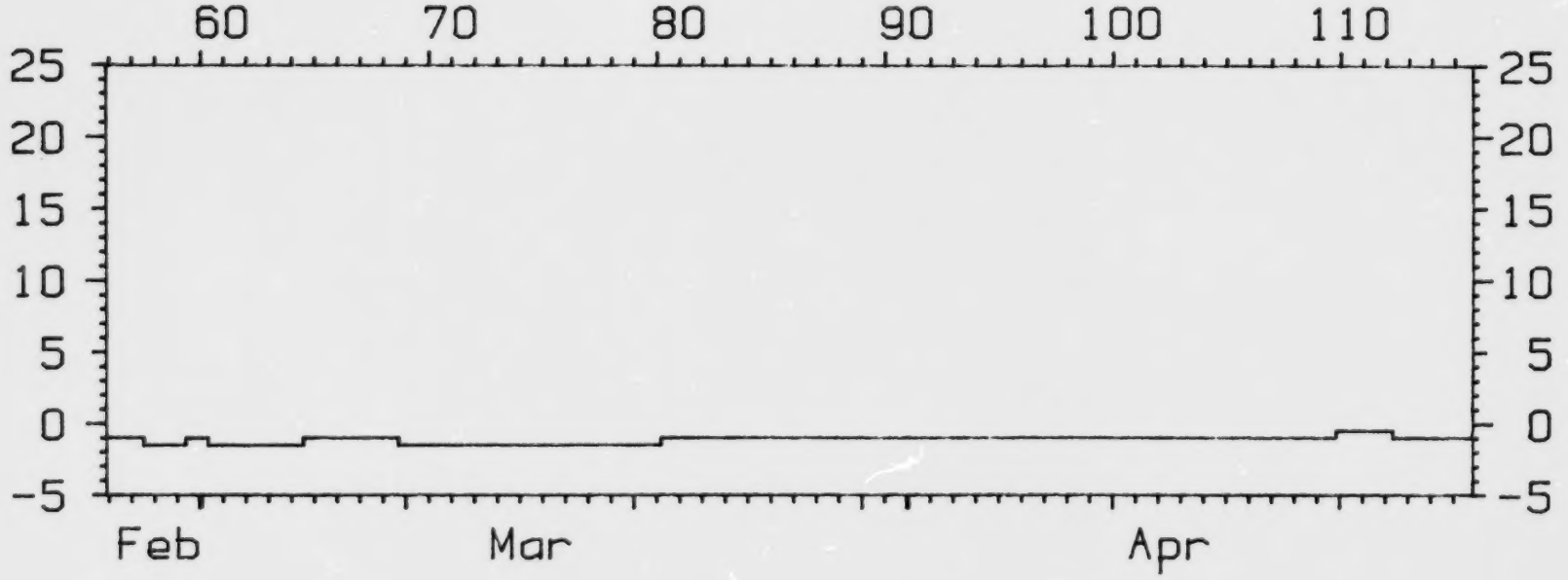


Instrument : 62479

SUNNYSIDE NFLD. (Page 1)

Pos. : 47.85, 53.92 Depth : 20 meters

Feb 24, 1983 20:00 GMT to Apr 25, 1983 20:00 GMT



Instrument : 62485

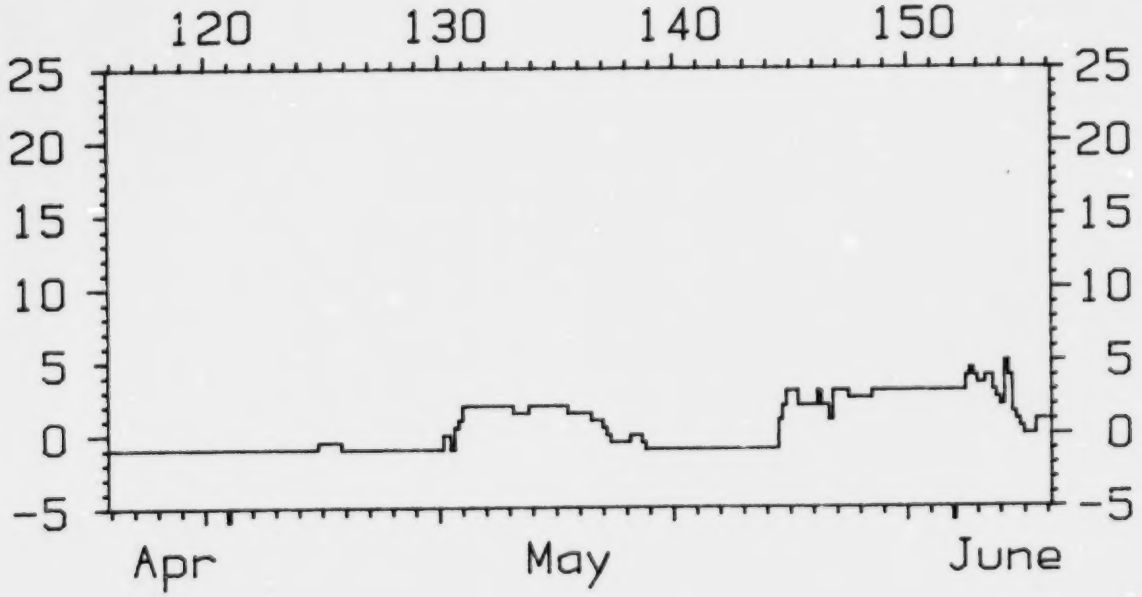
TRANSPORT MECHANISM FAILURE 5 JUNE 1983.

Station 9E

SUNNYSIDE NFLD. (Page 2)

Pos. : 47.85, 53.92 Depth : 20 meters

Apr 25, 1983 20:00 GMT to June 5, 1983 04:00 GMT



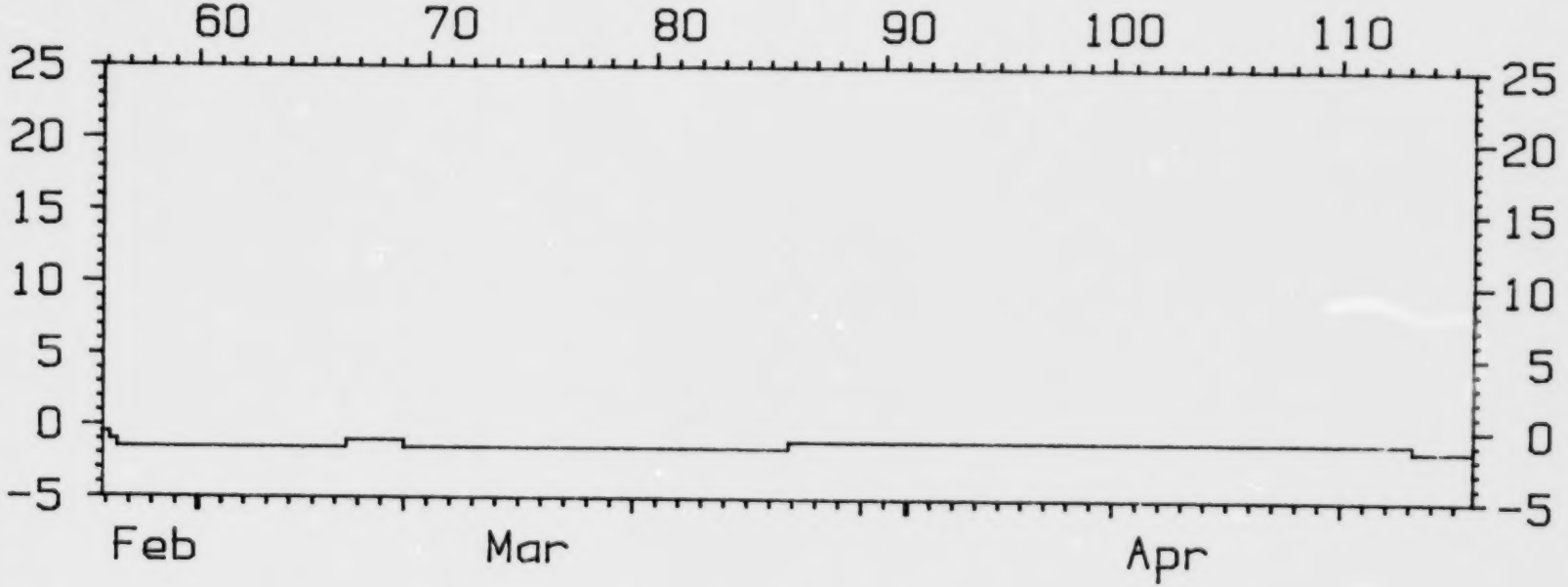
Instrument : 62485

TRANSPORT MECHANISM FAILURE 5 JUNE 1983.

SUNNYSIDE NFLD. (Page 1)

Pos. : 47.85, 53.92 Depth : 33 meters

Feb 24, 1983 20:00 GMT to Apr 25, 1983 20:00 GMT



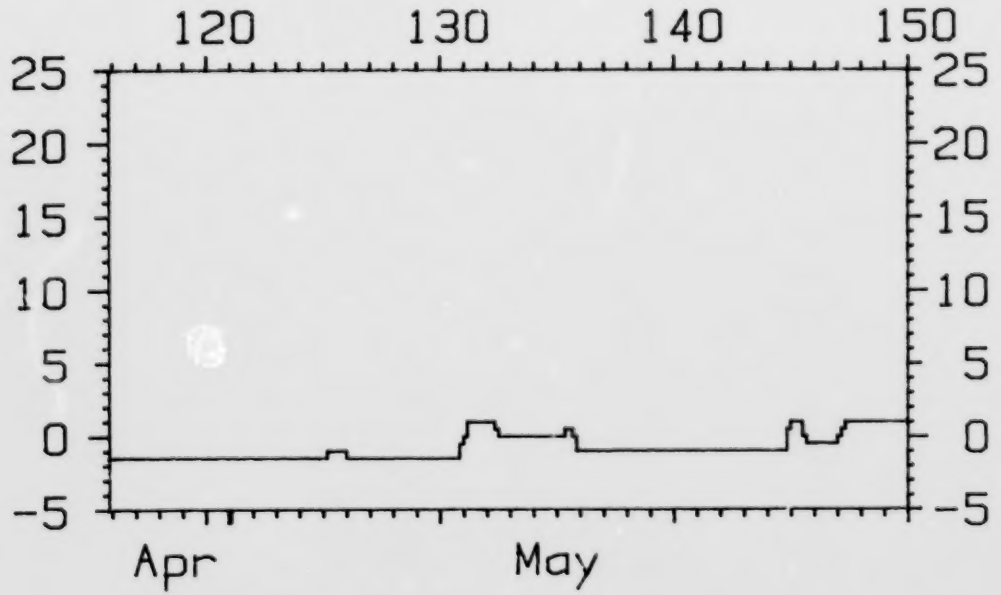
Instrument : 60753

Station 9F

SUNNYSIDE NFLD. (Page 2)

Pos. : 47.85, 53.92 Depth : 33 meters

Apr 25, 1983 20:00 GMT to May 30, 1983 00:00 GMT

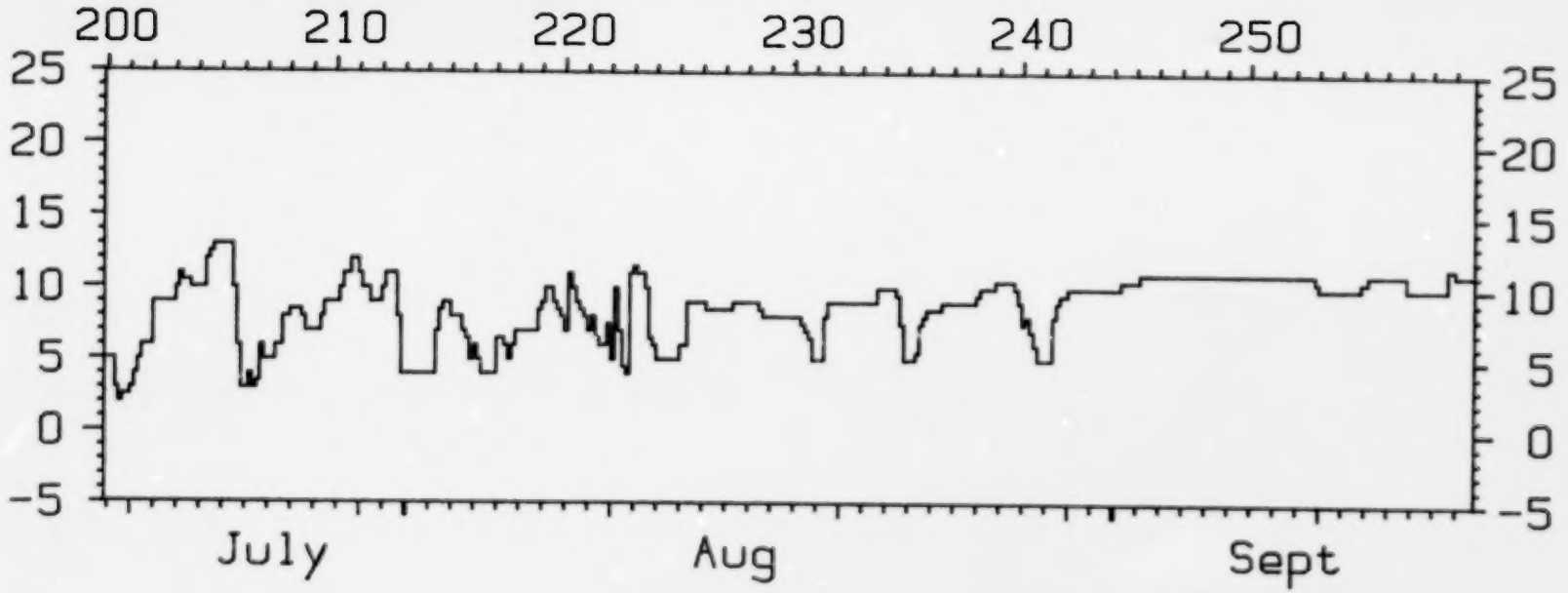


Instrument : 60753

SUNNYSIDE NFLD (Page 1)

Pos. : 47.85, 53.92 Depth : 10 meters

July 18, 1983 20:00 GMT to Sept 16, 1983 20:00 GMT



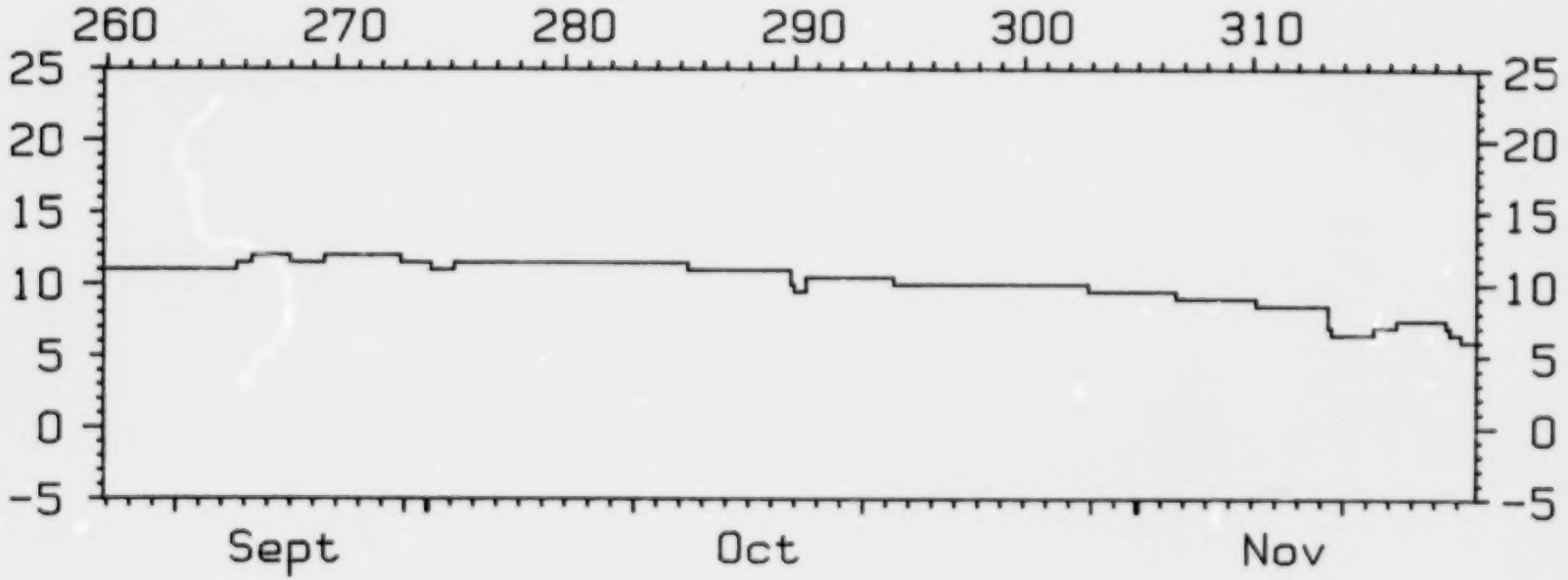
Instrument : 61031

Station 9C

SUNNYSIDE NFLD (Page 2)

Pos. : 47.85, 53.92 Depth : 10 meters

Sept 16, 1983 20:00 GMT to Nov 15, 1983 20:00 GMT

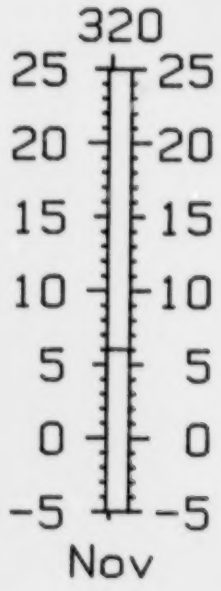


Instrument : 61031

SUNNYSIDE NFLD

Pos. : 47.85, 53.92 Depth : 10 meters

Nov 15, 1983 20:00 GMT to Nov 16, 1983 20:00 GMT

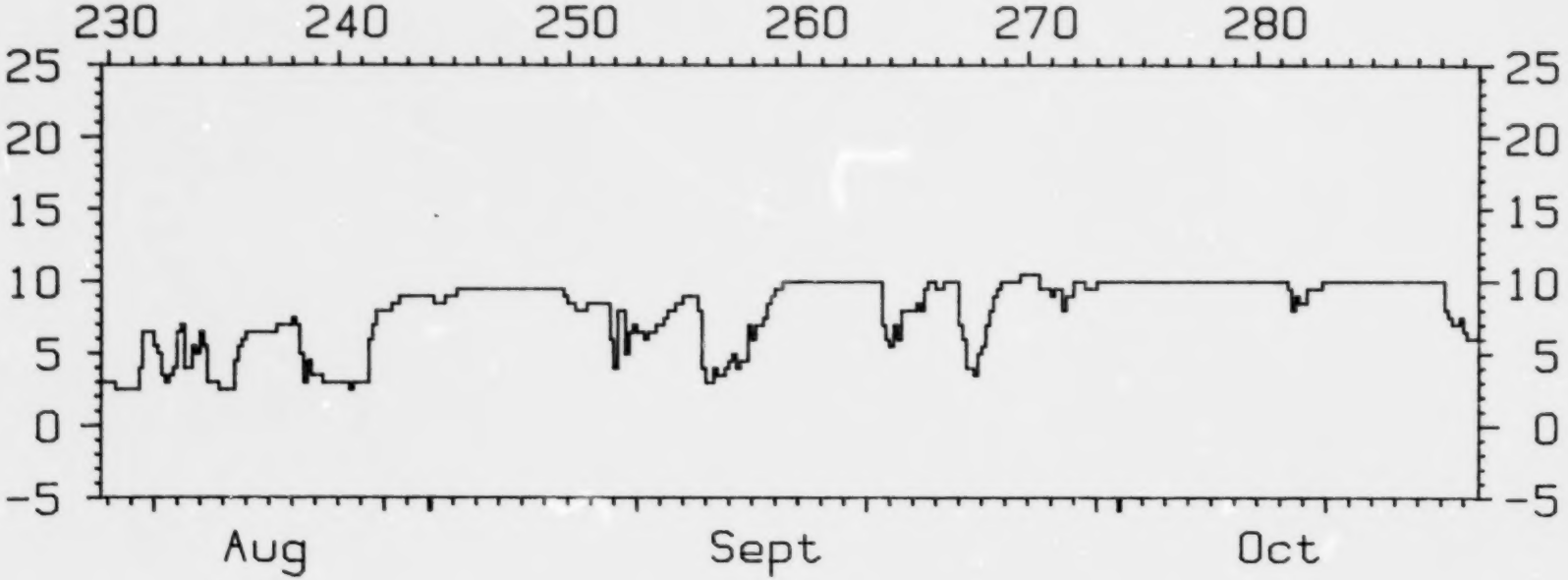


Instrument : 61031

SUNNYSIDE NFLD (Page 1)

Pos. : 47.85, 53.92 Depth : 20 meters

Aug 17, 1983 16:00 GMT to Oct 16, 1983 16:00 GMT



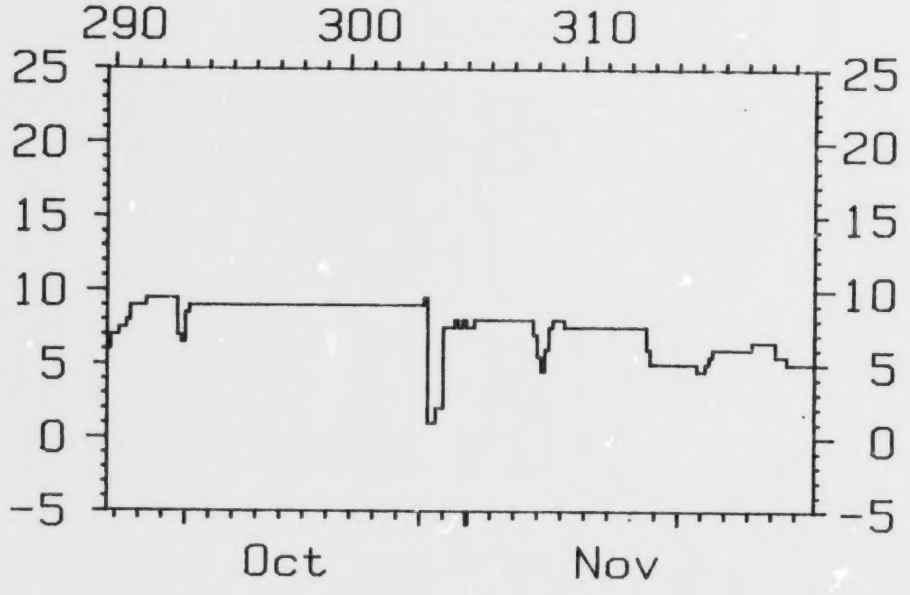
Instrument : 61634

Station 9H

SUNNYSIDE NFLD (Page 2)

Pos. : 47.85, 53.92 Depth : 20 meters

Oct 16, 1983 16:00 GMT to Nov 15, 1983 20:00 GMT

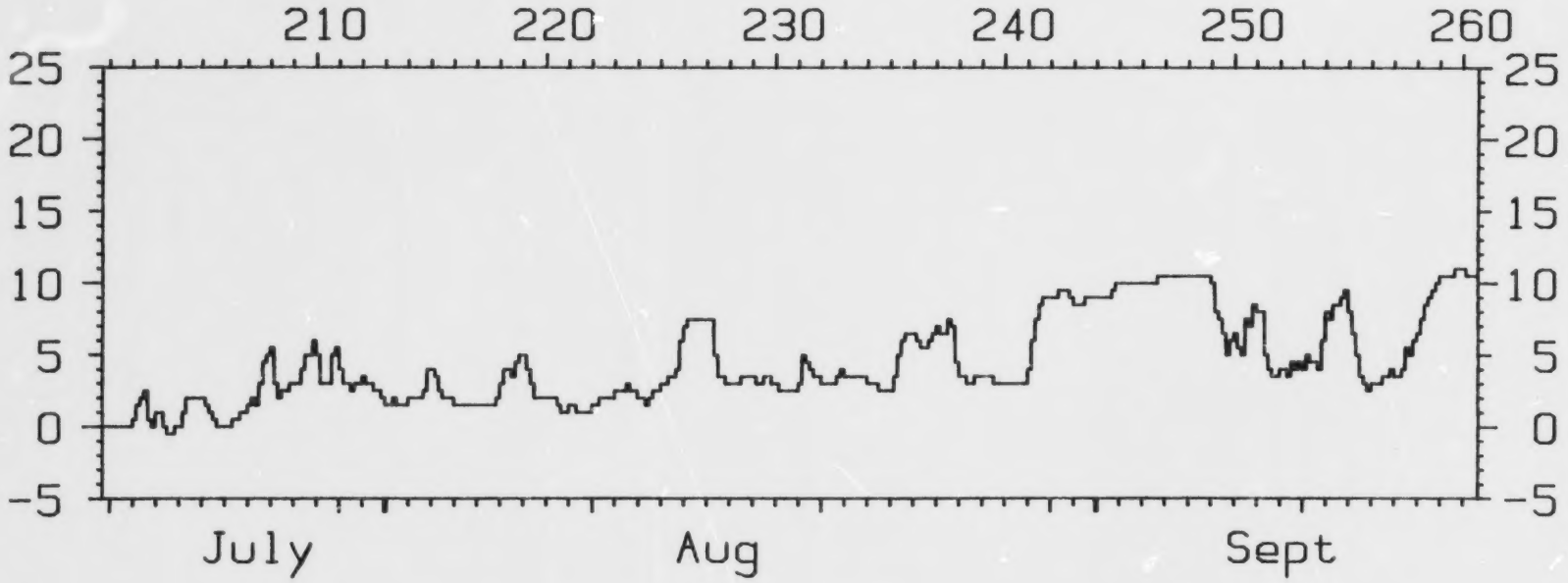


Instrument : 61634

SUNNYSIDE NFLD (Page 1)

Pos. : 47.85, 53.92 Depth : 33 meters

July 19, 1983 16:00 GMT to Sept 17, 1983 16:00 GMT



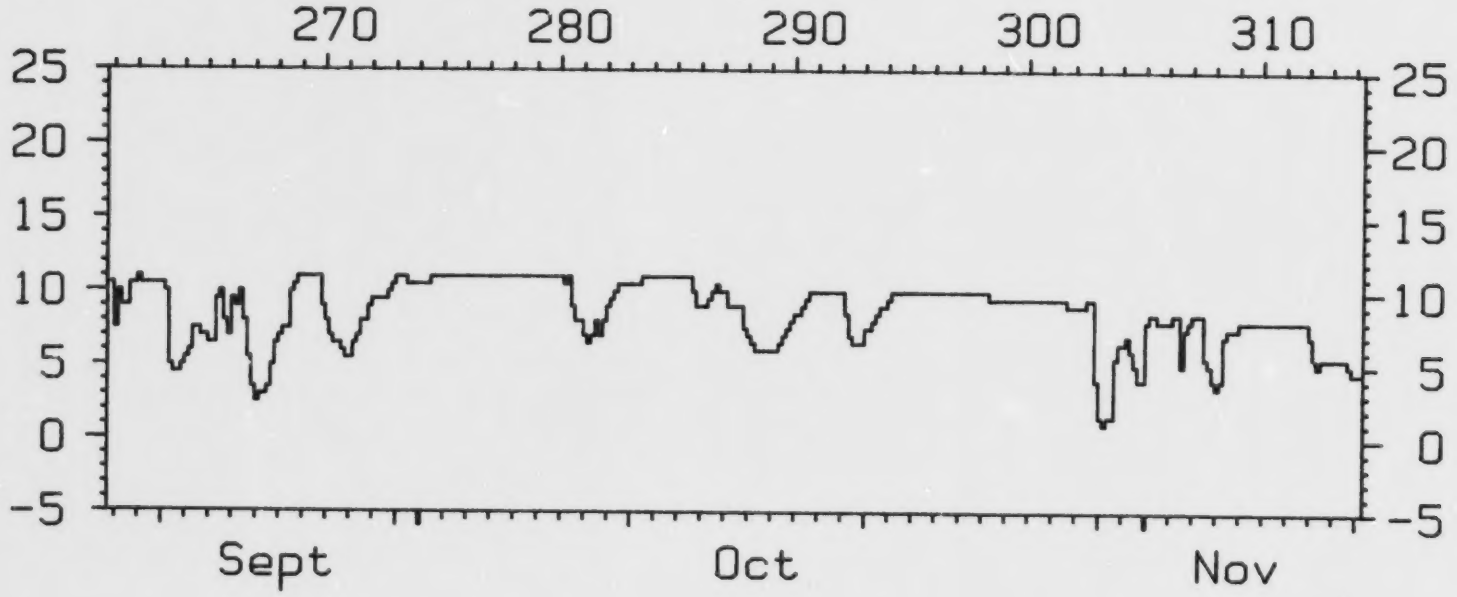
Instrument : 60916

Station 91

SUNNYSIDE NFLD (Page 2)

Pos. : 47.85, 53.92 Depth : 33 meters

Sept 17, 1983 16:00 GMT to Nov 10, 1983 08:00 GMT



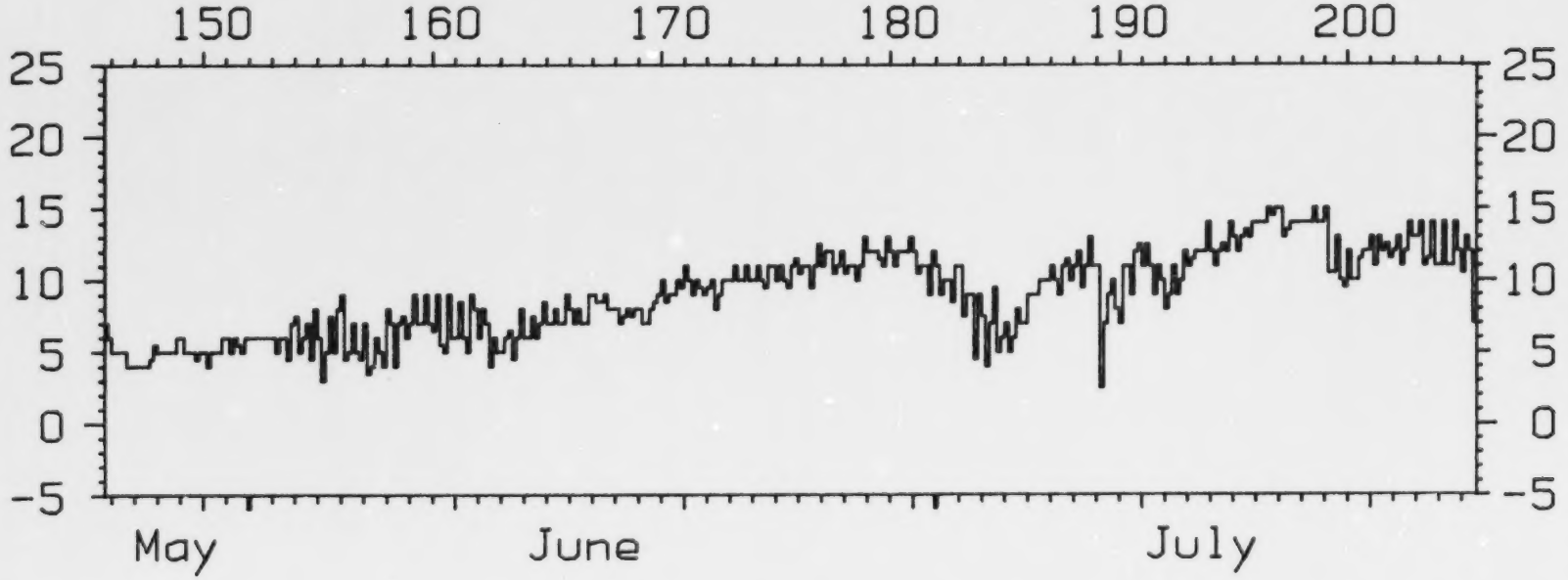
Instrument : 60916

Station 9I (Cont'd)

BELLEVUE TRINITY BAY NFLD (Page 1)

Pos. : 47.64, 53.75 Depth : 1 meter

May 25, 1983 16:00 GMT to July 24, 1983 16:00 GMT



Instrument : 61055

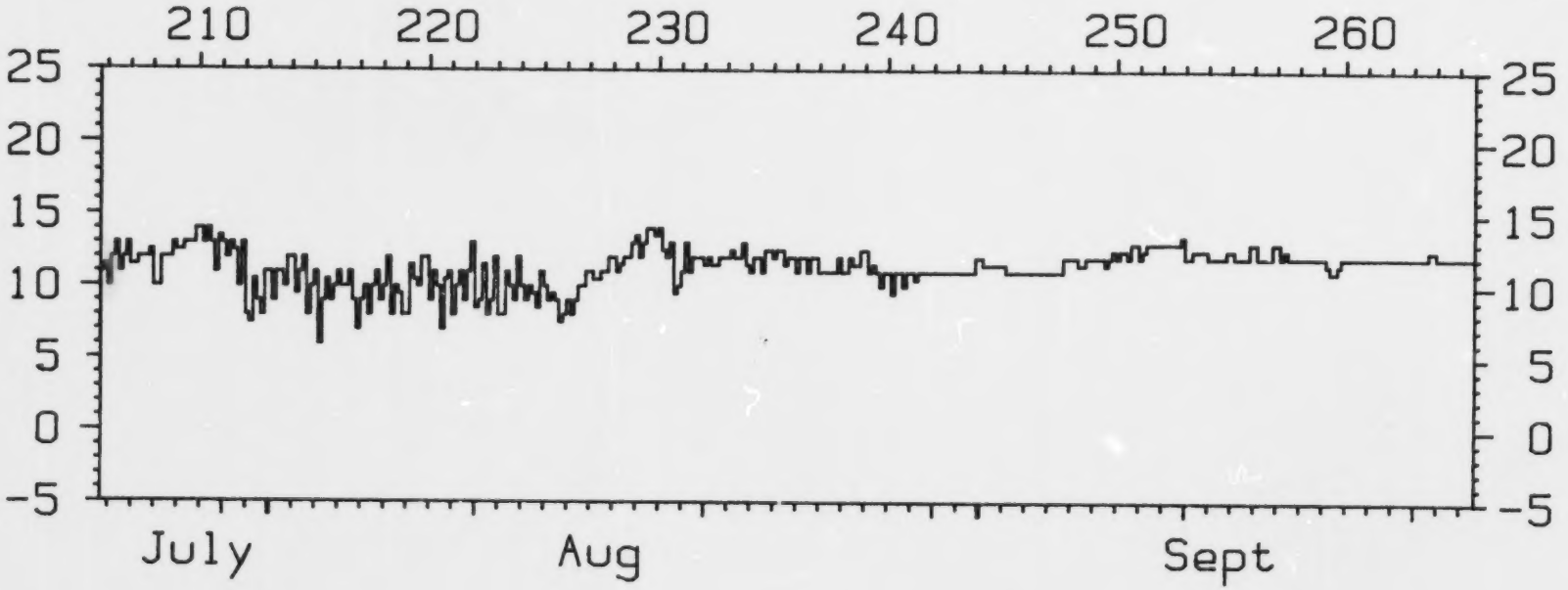
Depth 1-2 meters depending on tide.

Station 10

BELLEVUE TRINITY BAY NFLD (Page 2)

Pos. : 47.64, 53.75 Depth : 1 meter

July 24, 1983 16:00 GMT to Sept 22, 1983 16:00 GMT



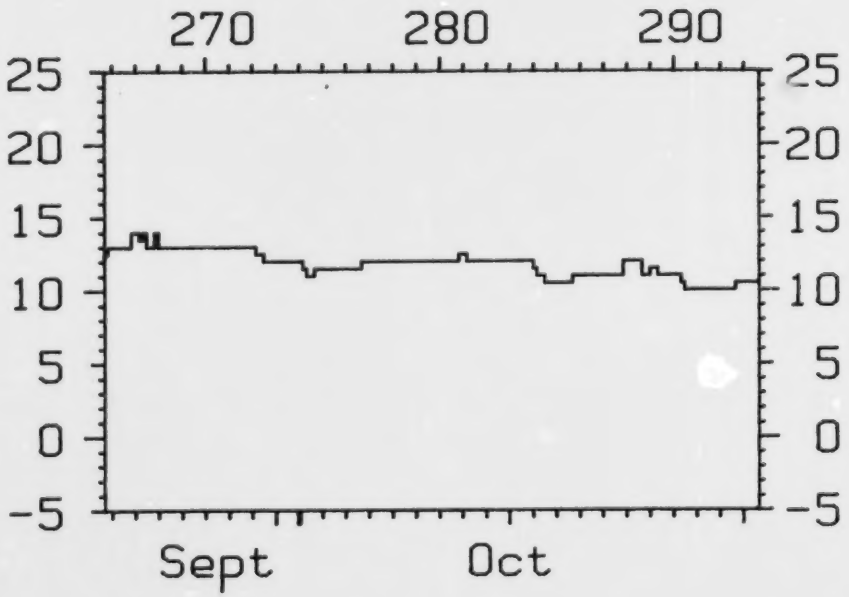
Instrument : 61055

Depth 1-2 meters depending on tide.

BELLEVUE TRINITY BAY NFLD (Page 3)

Pos. : 47.64, 53.75 Depth : 1 meter

Sept 22, 1983 16:00 GMT to Oct 20, 1983 16:00 GMT



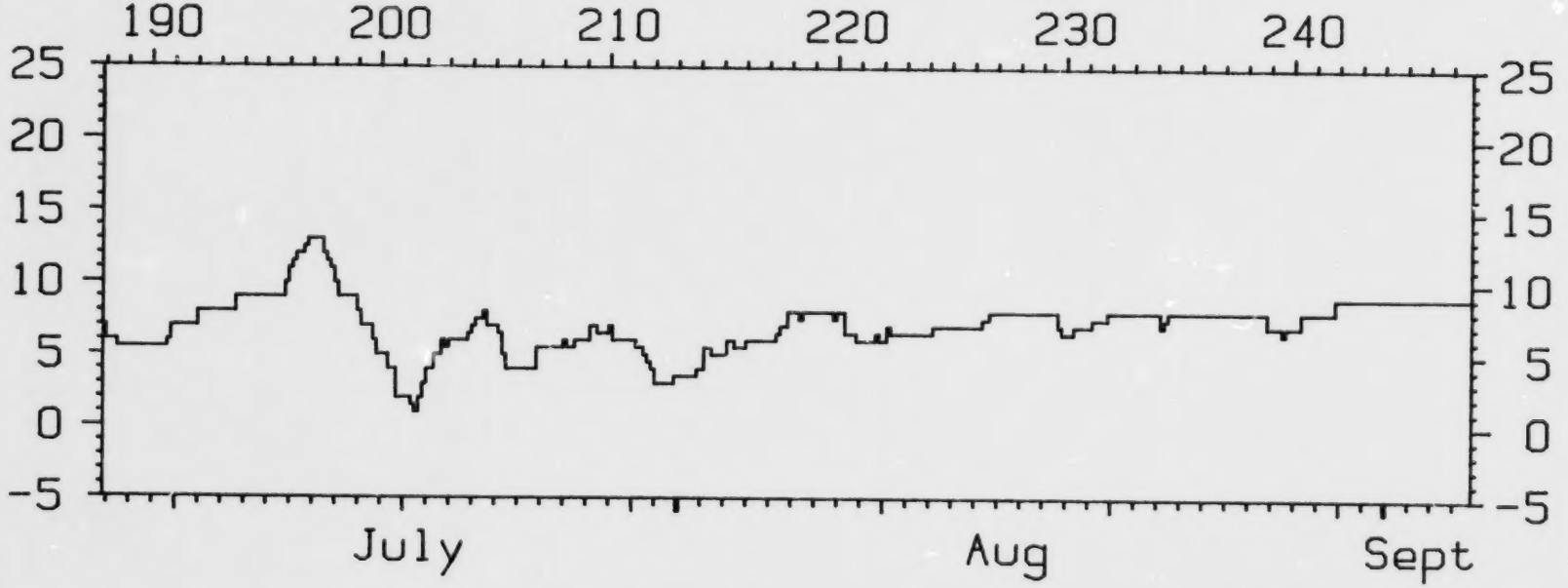
Instrument : 61055

Depth 1-2 meters depending on tide.

HARBOUR GRACE NFLD (Page 1)

Pos. : 47.68, 53.24 Depth : 6 meters

July 6, 1983 20:00 GMT to Sept 4, 1983 20:00 GMT



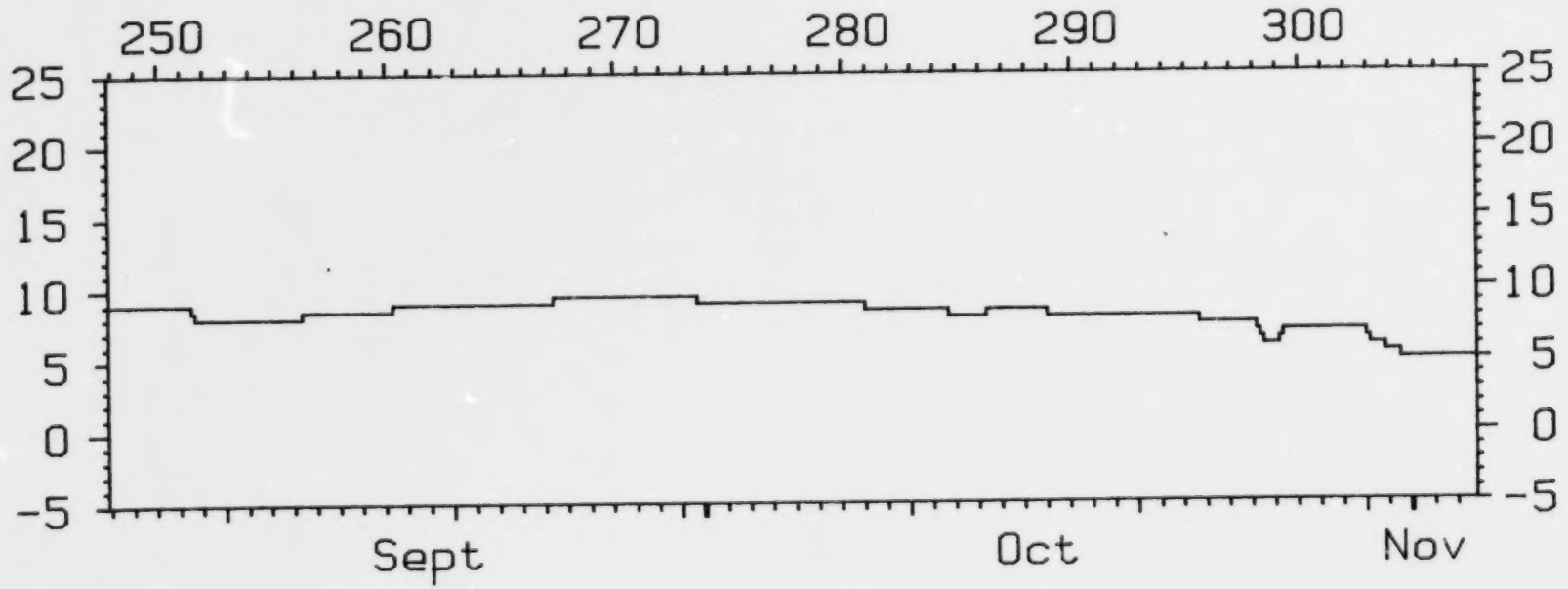
Instrument : 62476

Station 13A

HARBOUR GRACE NFLD (Page 2)

Pos. : 47.68, 53.24 Depth : 6 meters

Sept 4, 1983 20:00 GMT to Nov 3, 1983 20:00 GMT

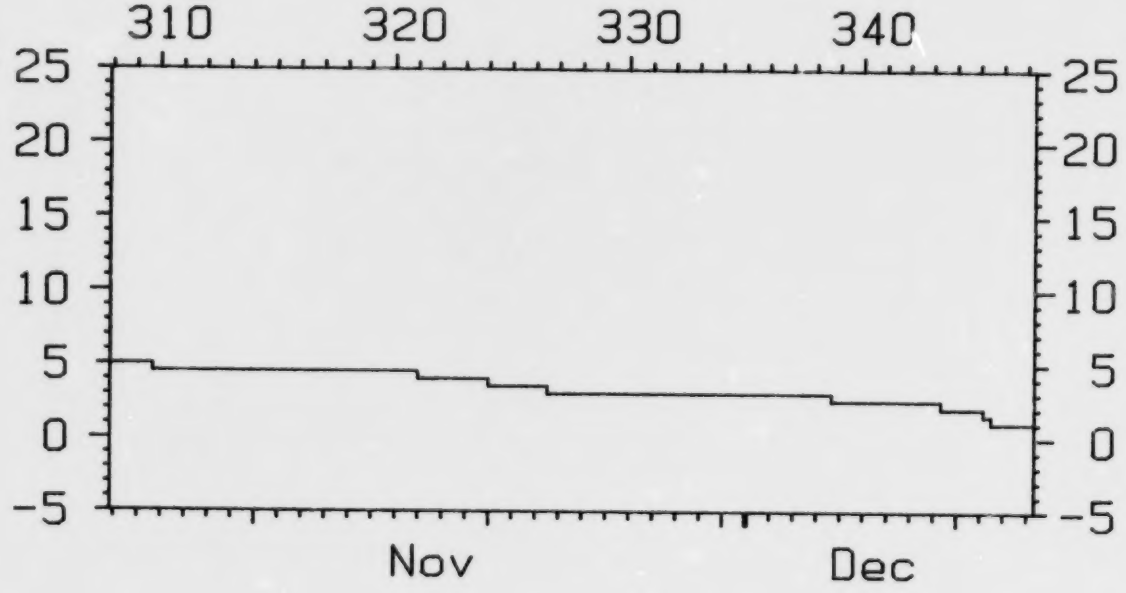


Instrument : 62476

HARBOUR GRACE NFLD (Page 3)

Pos. : 47.68, 53.24 Depth : 6 meters

Nov 3, 1983 20:00 GMT to Dec 13, 1983 08:00 GMT

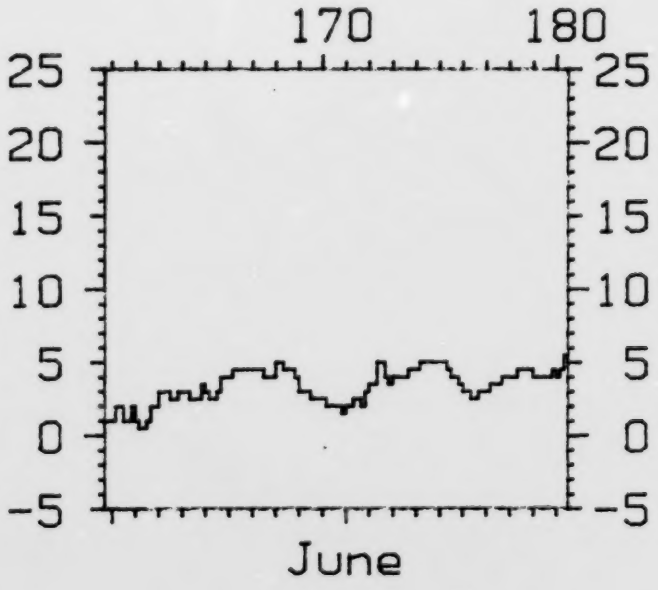


Instrument : 62476

HIBBS COVE NFLD.

Pos. : 47.53, 53.25 Depth : 19 meters

June 9, 1983 16:00 GMT to June 29, 1983 12:00 GMT

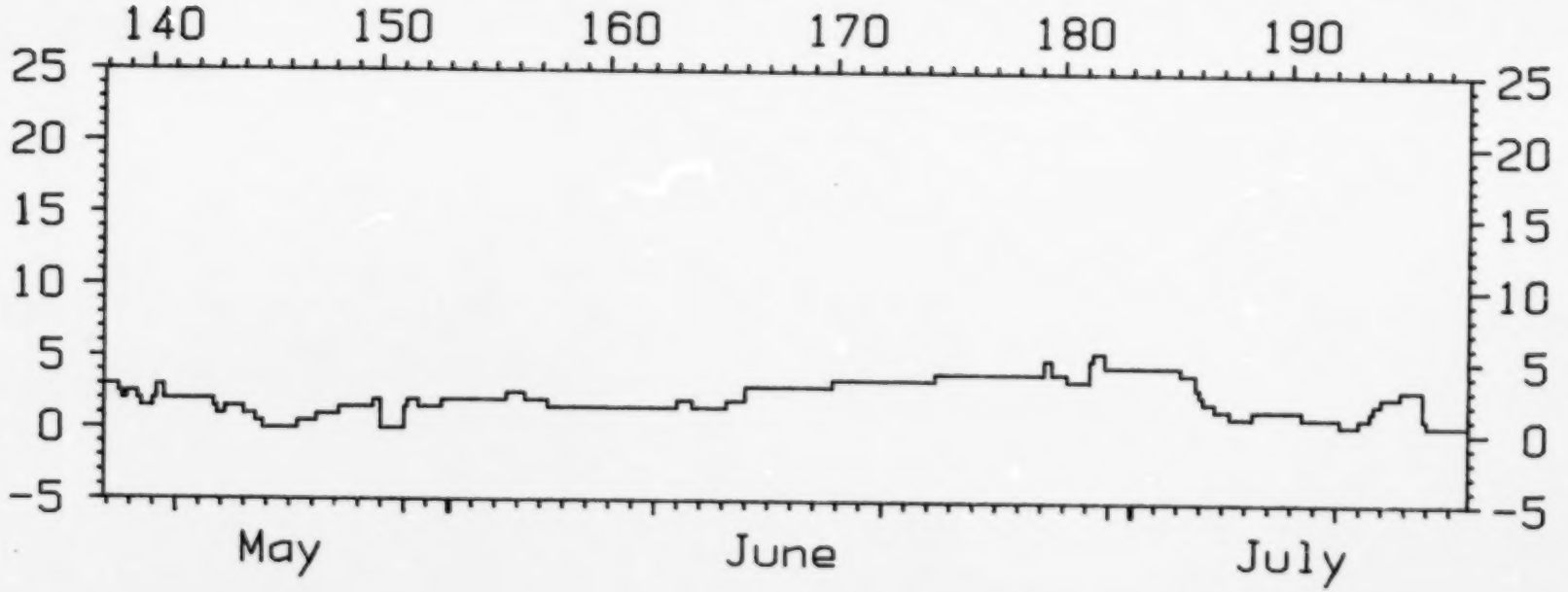


Instrument : 62548

HOLYROOD NFLD (Page 1)

Pos. : 47.42, 53.17

May 16, 1980 20:00 GMT to July 15, 1980 20:00 GMT



Instrument : 60990

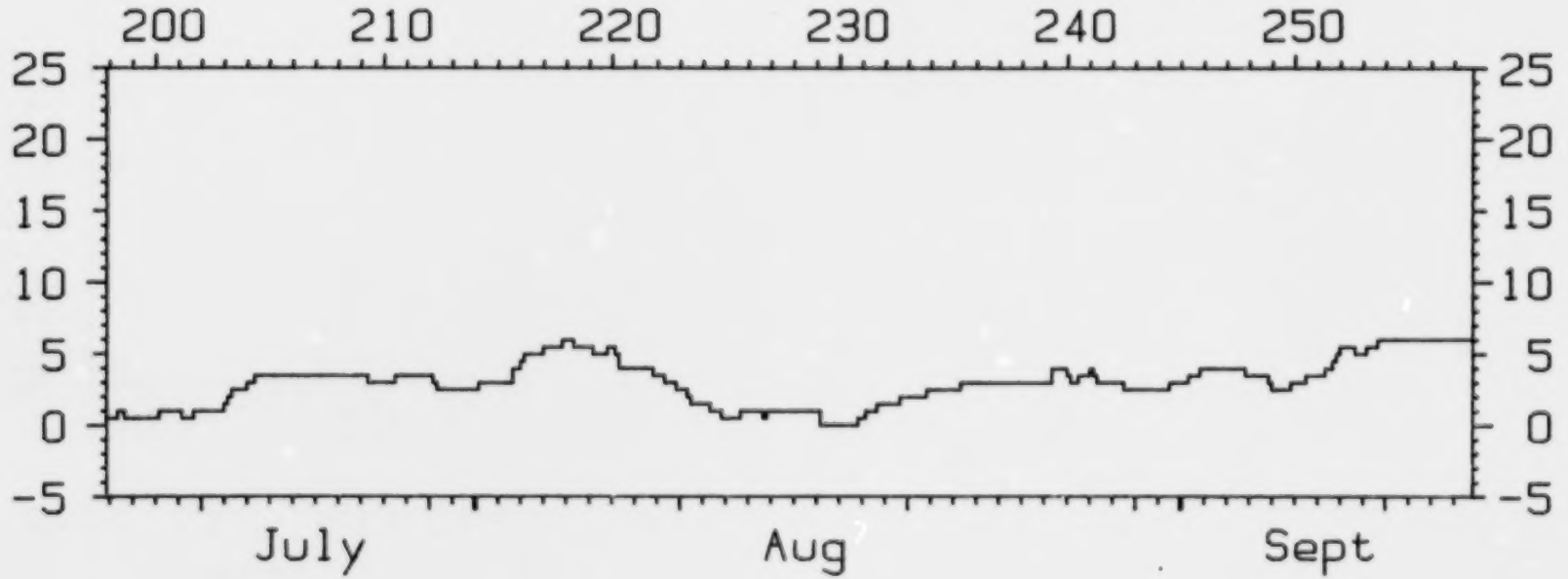
Rep. missing 1980, recovered 1983. Depth unrecorded.

Station 15A

HOLYROOD NFLD (Page 2)

Pos. : 47.42, 53.17

July 15, 1980 20:00 GMT to Sept 13, 1980 20:00 GMT



Instrument : 60990

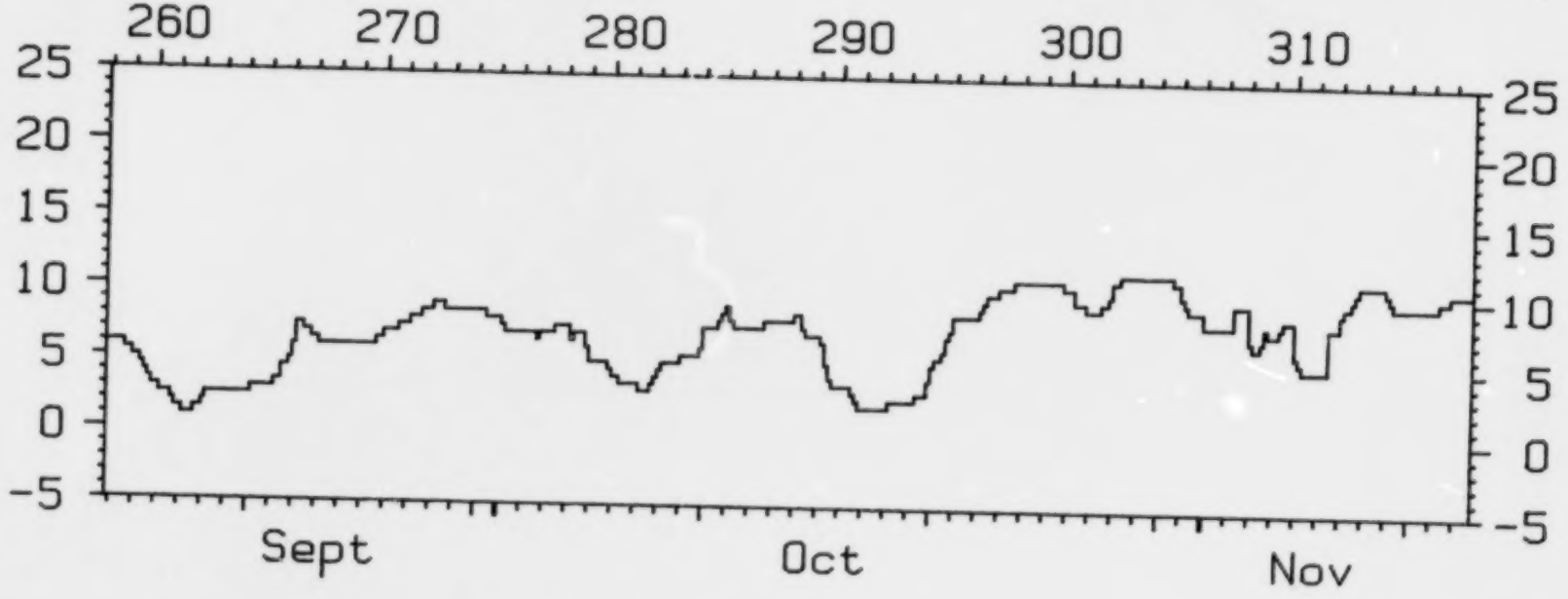
Rep. missing 1980, recovered 1983. Depth unrecorded.

HOLYROOD NFLD

(Page 3)

Pos. : 47.42, 53.17

Sept 13, 1980 20:00 GMT to Nov 12, 1980 20:00 GMT



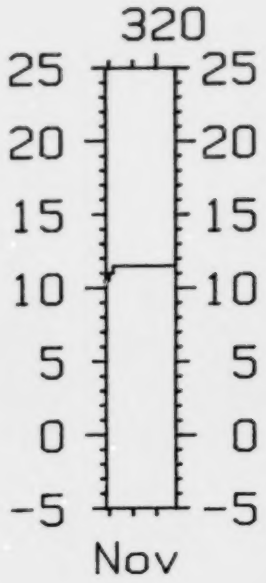
Instrument : 60990

Rep. missing 1980, recovered 1983. Depth unrecorded.

HOLYROOD NFLD (Page 4)

Pos. : 47.42, 53.17

Nov 12, 1980 20:00 GMT to Nov 15, 1980 20:00 GMT



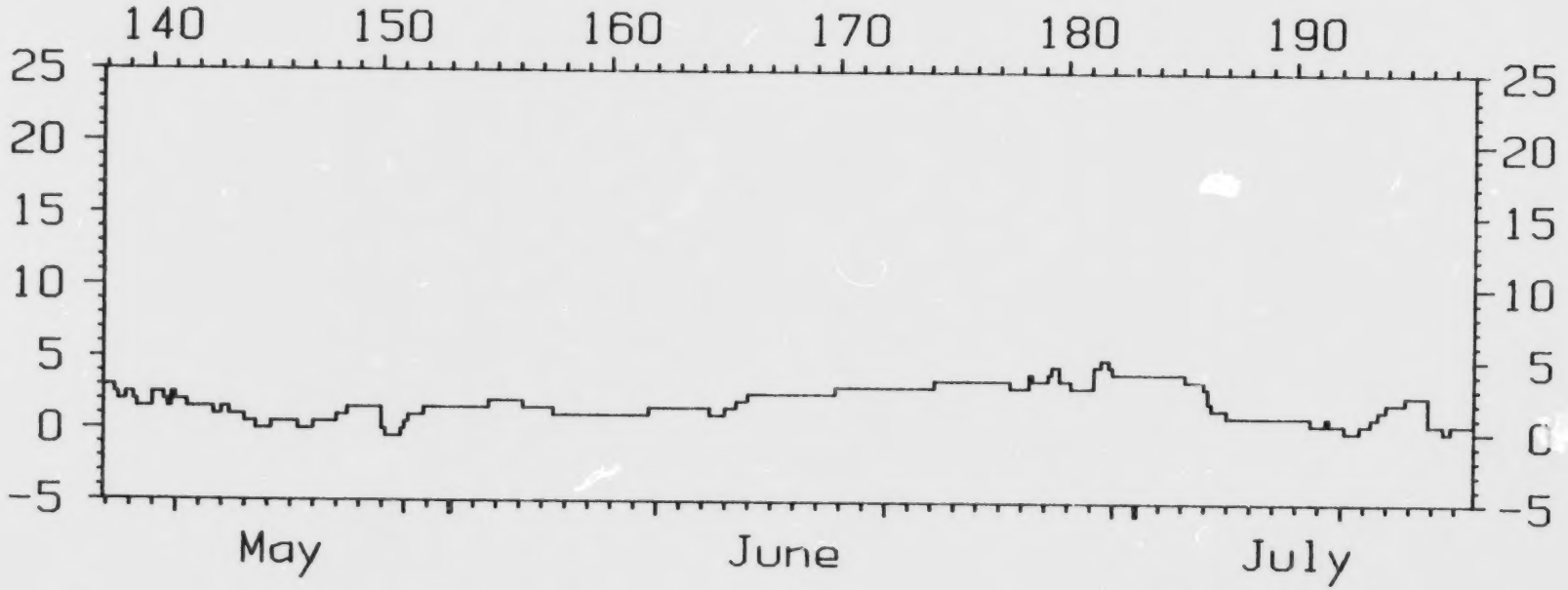
Instrument : 60990

Rep. missing 1980, recovered 1983. Depth unrecorded.

HOLYROOD NFLD (Page 1)

Pos. : 47.42, 53.17

May 16, 1980 20:00 GMT to July 15, 1980 20:00 GMT



Instrument : 60732

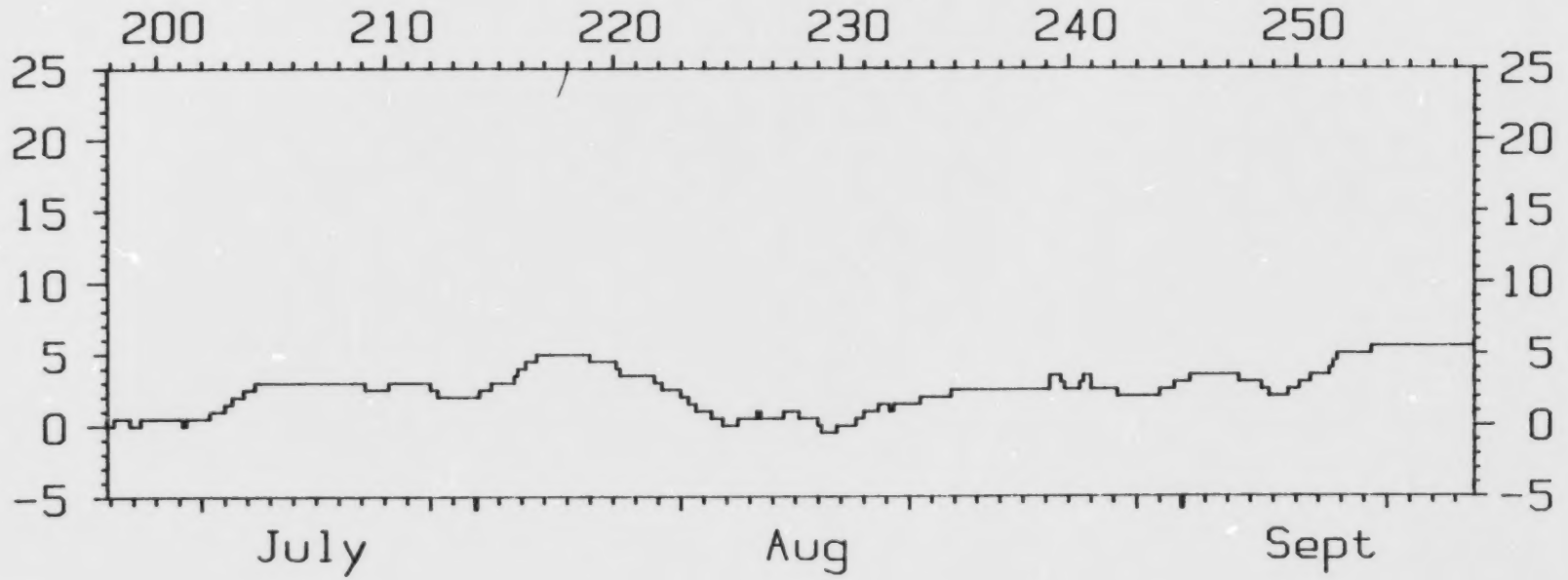
Rep. missing 1980, recovered 1983. Depth unrecorded.

Station 15B

HOLYROOD NFLD (Page 2)

Pos. : 47.42, 53.17

July 15, 1980 20:00 GMT to Sept 13, 1980 20:00 GMT



Instrument : 60732

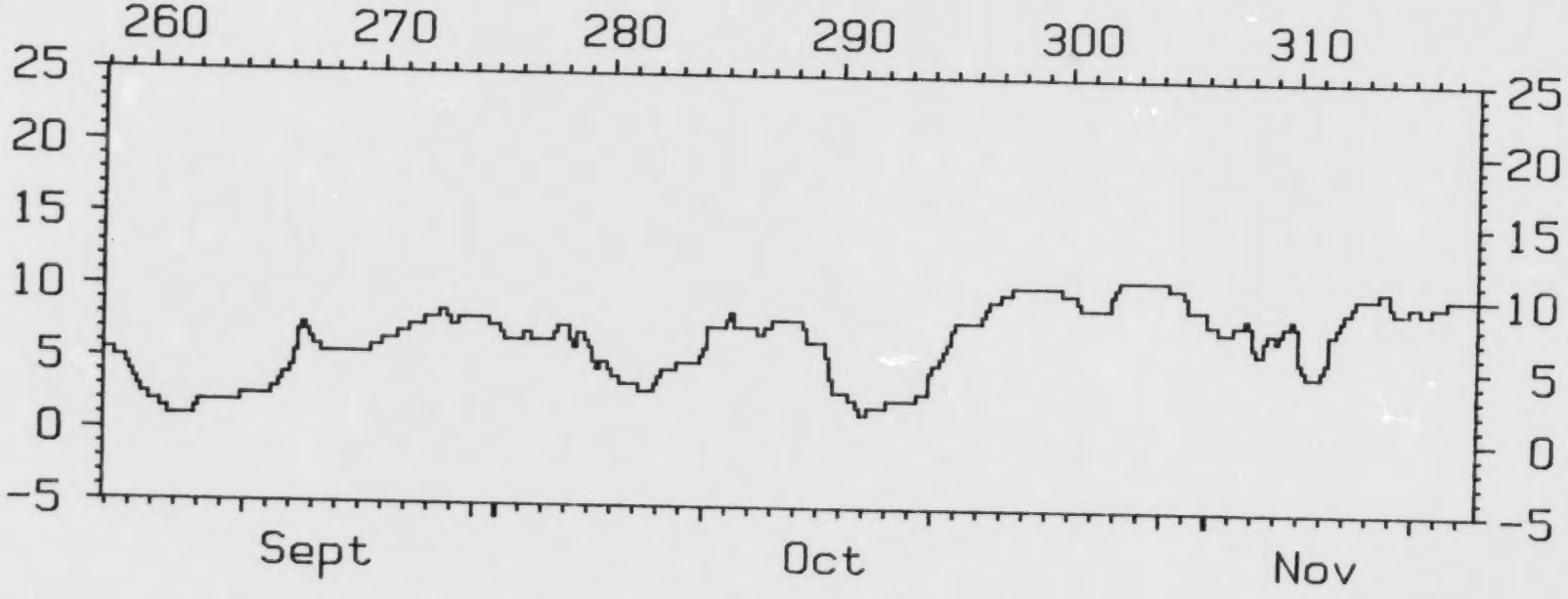
Rep. missing 1980, recovered 1983. Depth unrecorded.

HOLYROOD NFLD

(Page 3)

Pos. : 47.42, 53.17

Sept 13, 1980 20:00 GMT to Nov 12, 1980 20:00 GMT



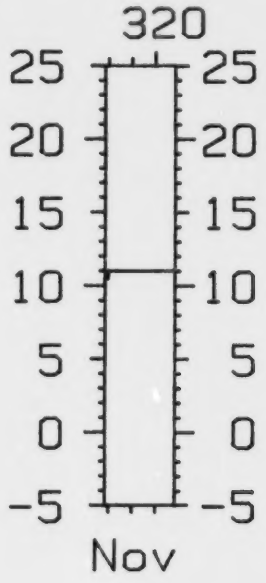
Instrument : 60732

Rep. missing 1980, recovered 1983. Depth unrecorded.

HOLYROOD NFLD (Page 4)

Pos. : 47.42, 53.17

Nov 12, 1980 20:00 GMT to Nov 15, 1980 20:00 GMT



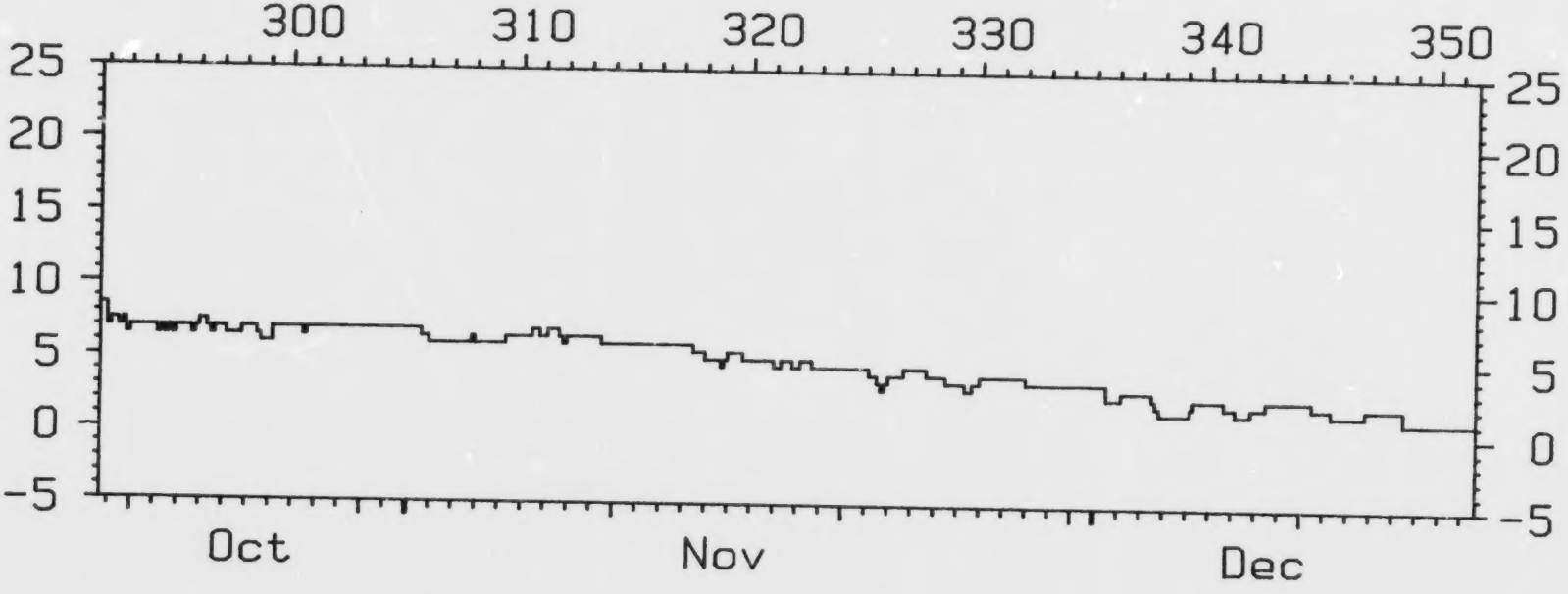
Instrument : 60732

Rep. missing 1980, recovered 1983. Depth unrecorded.

LOGY BAY

Pos. : 47.58, 52.67 Depth : 34 meters

Oct 18, 1982 16:00 GMT to Dec 17, 1982 16:00 GMT



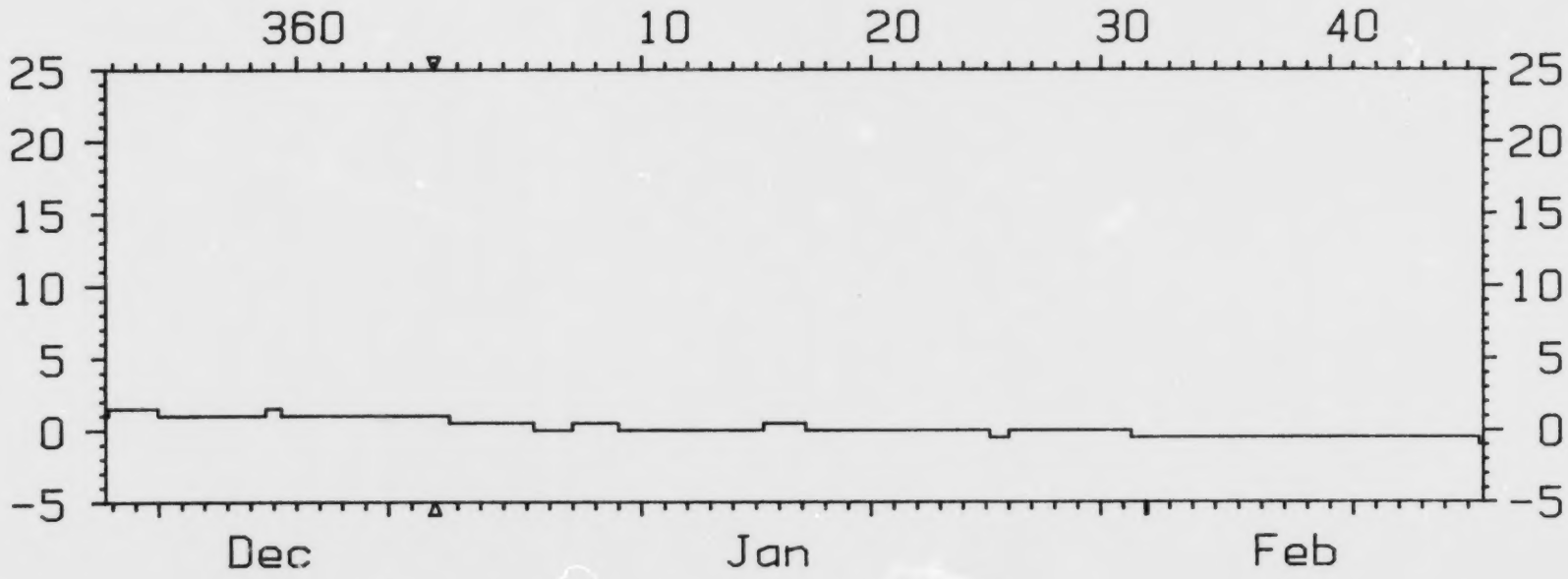
Instrument : 60736

Station 16A

LOGY BAY (Page 2)

Pos. : 47.58, 52.67 Depth : 34 meters

Dec 17, 1982 16:00 GMT to Feb 15, 1983 16:00 GMT

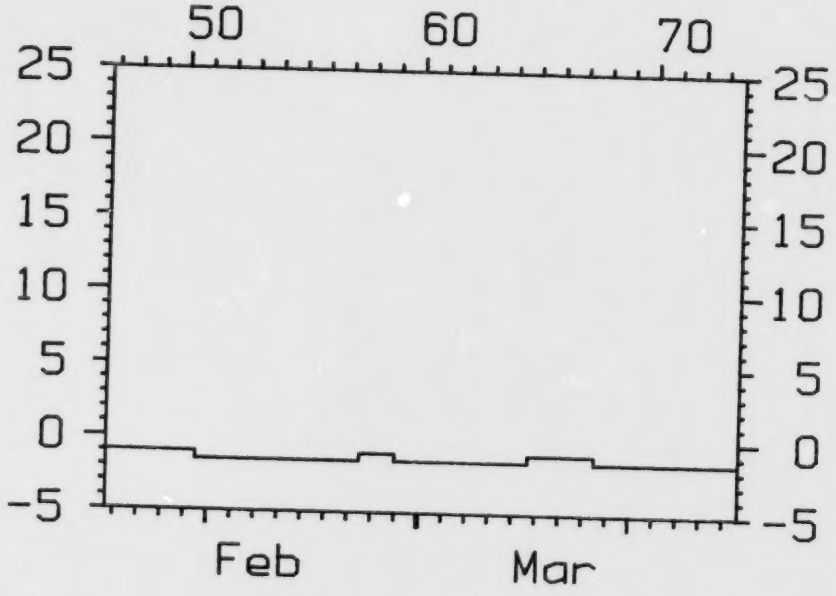


Instrument : 60736

LOGY BAY

Pos. : 47.58, 52.67 Depth : 34 meters

Feb 15, 1983 16:00 GMT to Mar 14, 1983 16:00 GMT

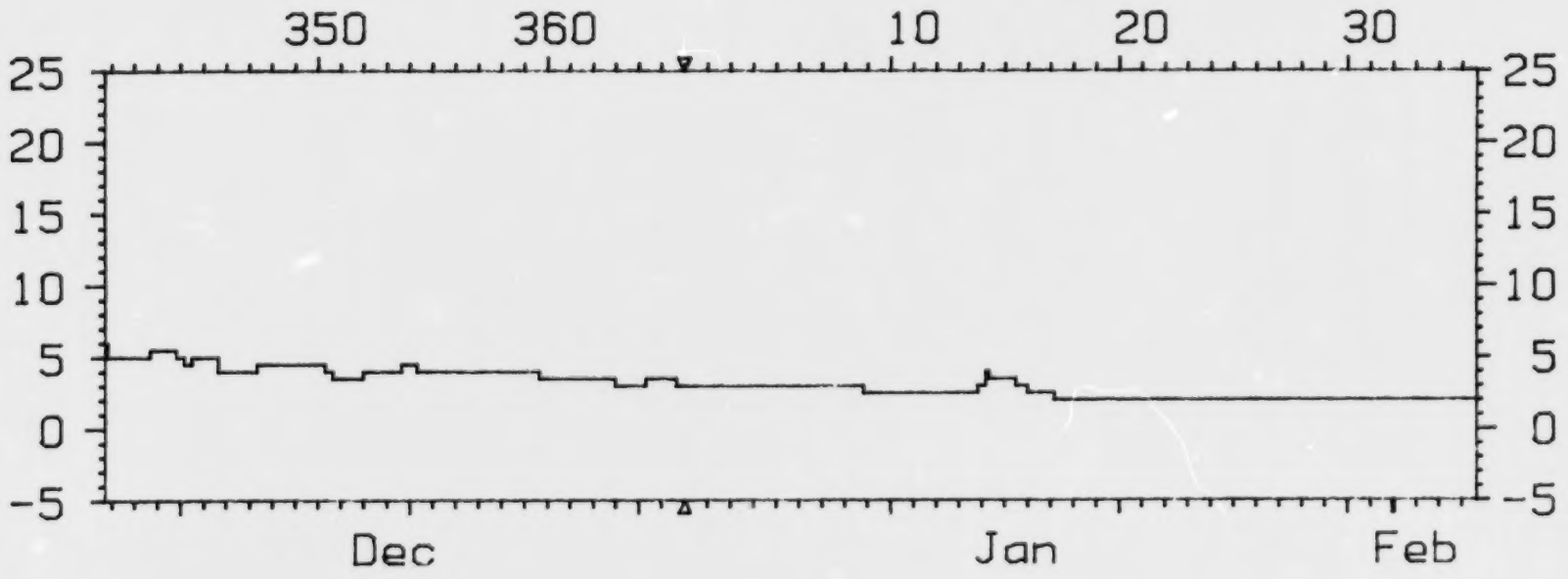


Instrument : 60736

COLINET NFLD. (Page 1)

Pos. : 47.19, 53.58 Depth : 6 meters

Dec 6, 1982 16:00 GMT to Feb 4, 1983 16:00 GMT



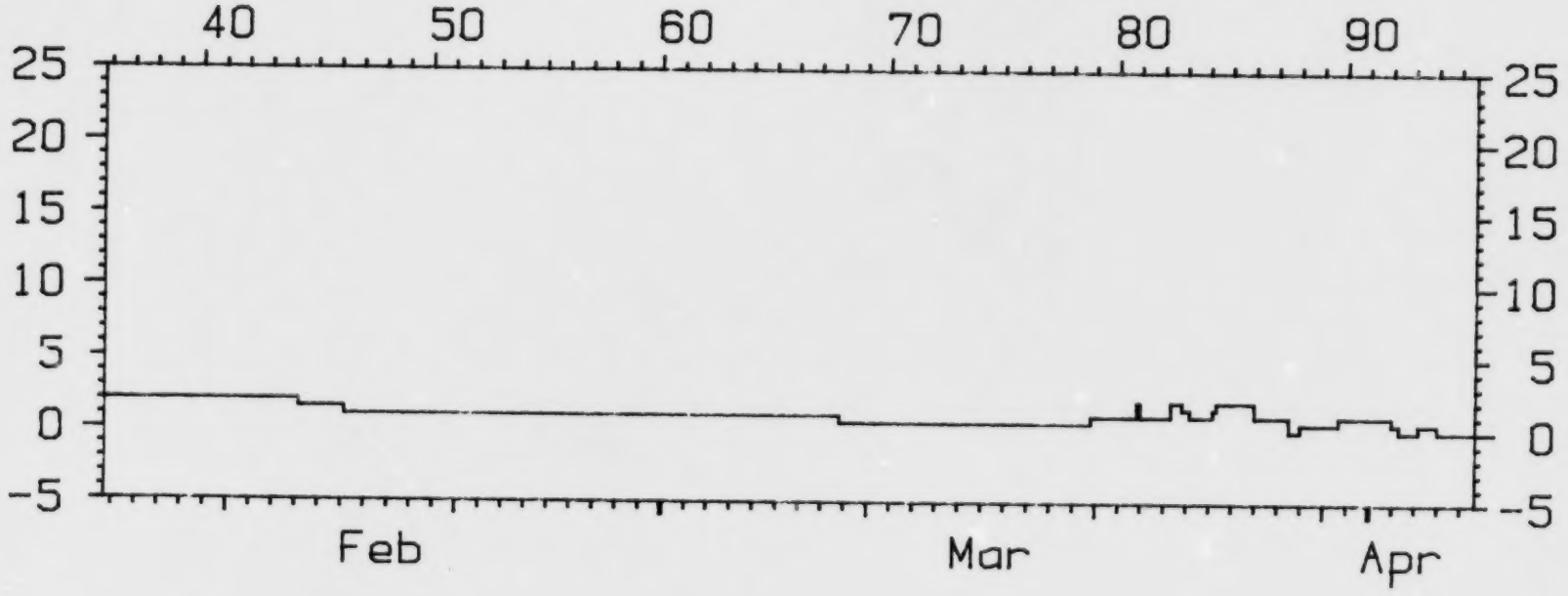
Instrument : 61031

Station 17A

COLINET NFLD. (Page 2)

Pos. : 47.19, 53.58 Depth : 6 meters

Feb 4, 1983 16:00 GMT to Apr 5, 1983 16:00 GMT

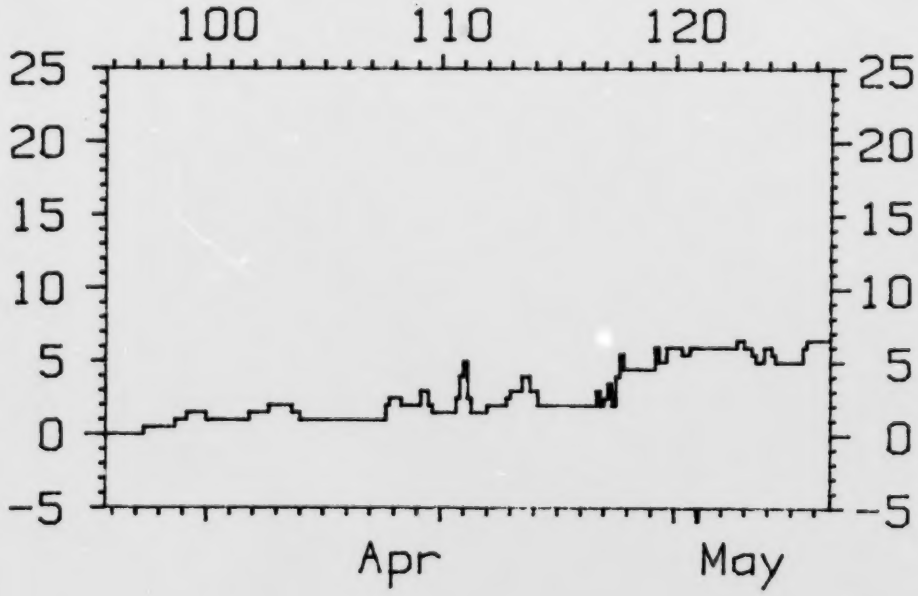


Instrument : 61031

COLINET NFLD. (Page 3)

Pos. : 47.19, 53.58 Depth : 6 meters

Apr 5, 1983 16:00 GMT to May 6, 1983 16:00 GMT

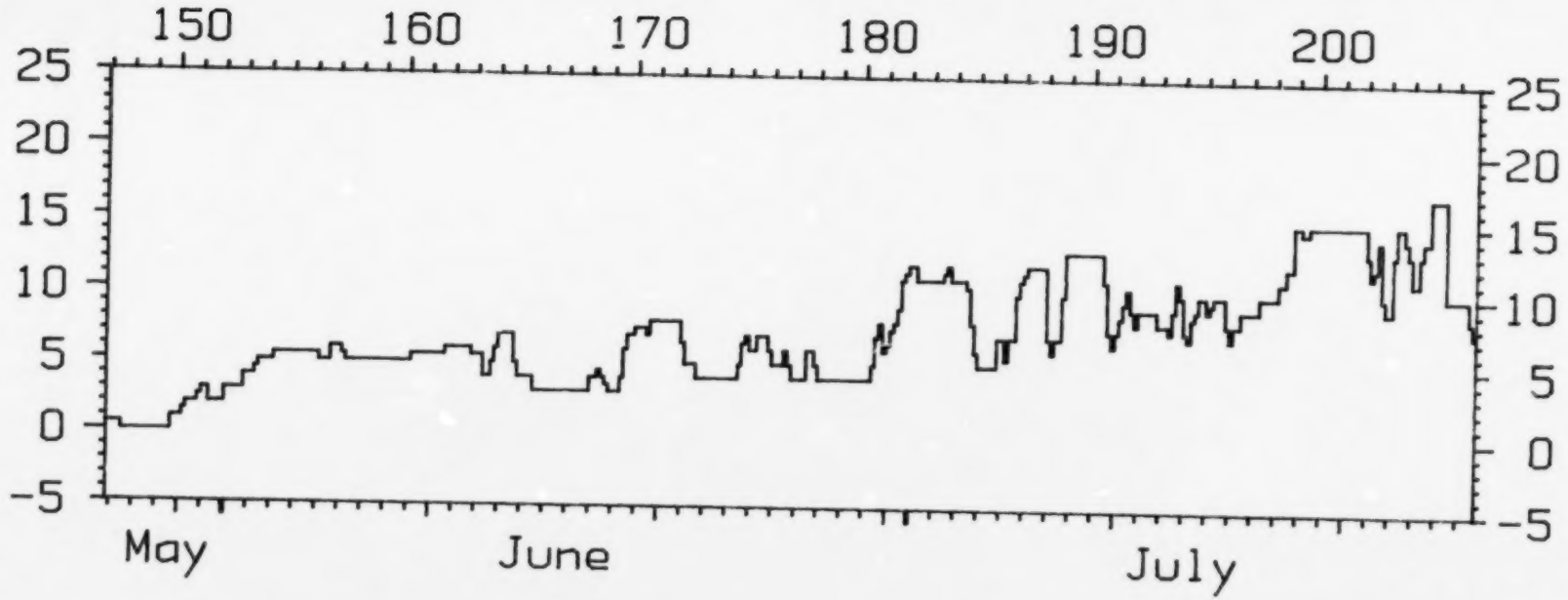


Instrument : 61031

COLINET NFLD. (Page 1)

Pos. : 47.19, 53.58 Depth : 16 meters

May 26, 1983 20:00 GMT to July 25, 1983 20:00 GMT



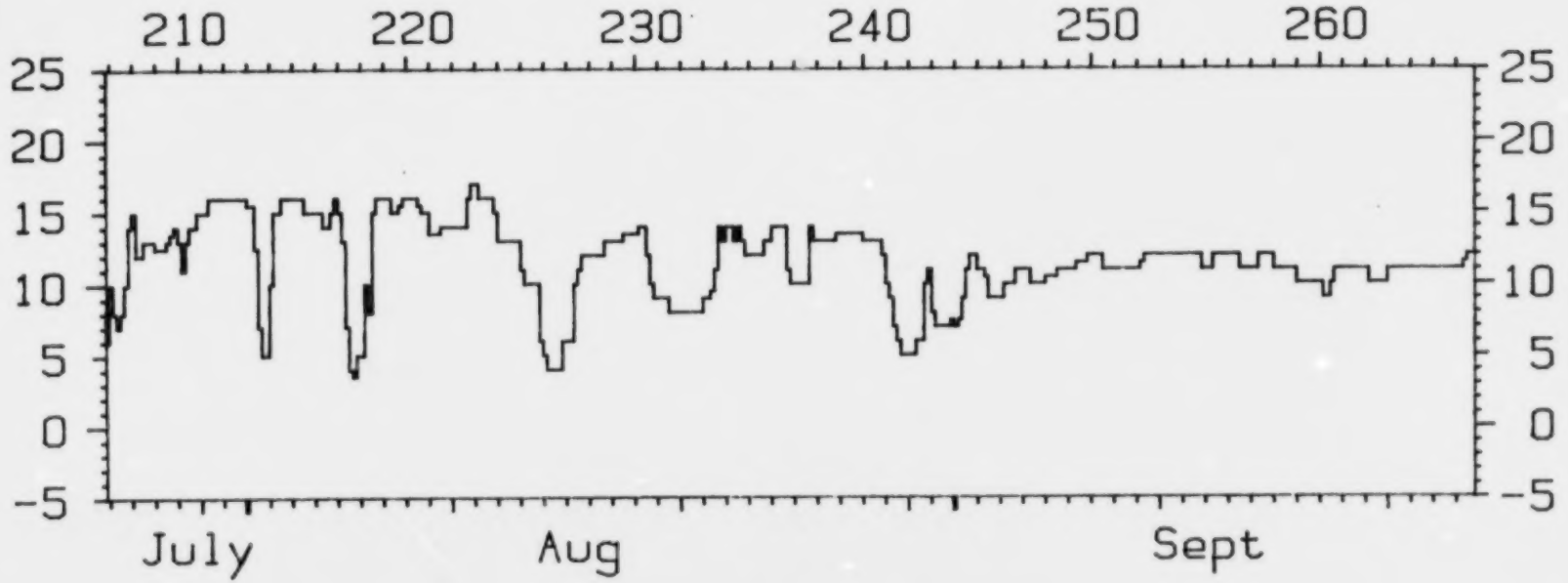
Instrument : 62492

Station 17B

COLINET NFLD. (Page 2)

Pos. : 47.19, 53.58 Depth : 16 meters

July 25, 1983 20:00 GMT to Sept 23, 1983 20:00 GMT



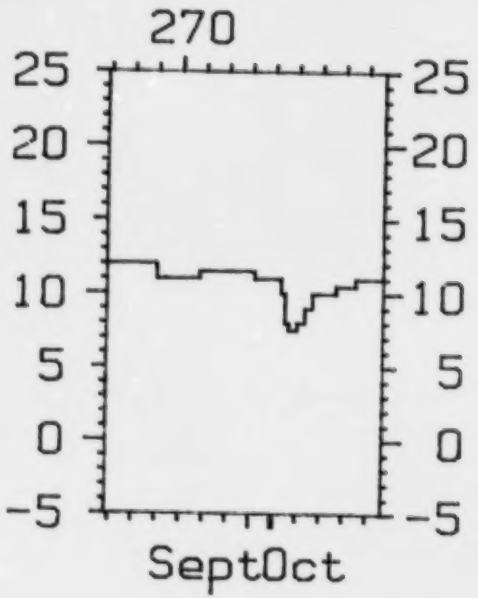
Instrument : 62492

COLINET NFLD.

(Page 3)

Pos. : 47.19, 53.58 Depth : 16 meters

Sept 23, 1983 20:00 GMT to Oct 5, 1983 16:00 GMT

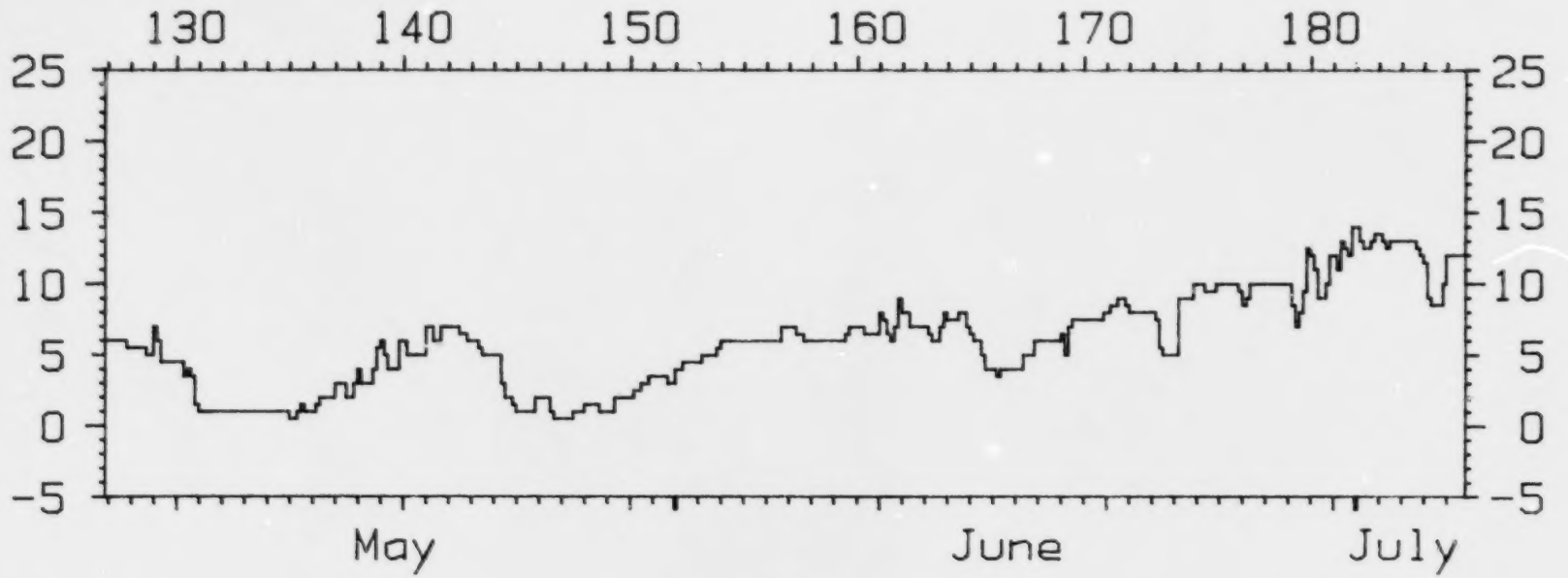


Instrument : 62492

COLINET NFLD. (Page 1)

Pos. : 47.19, 53.58 Depth : 6 meters

May 6, 1983 20:00 GMT to July 5, 1983 20:00 GMT



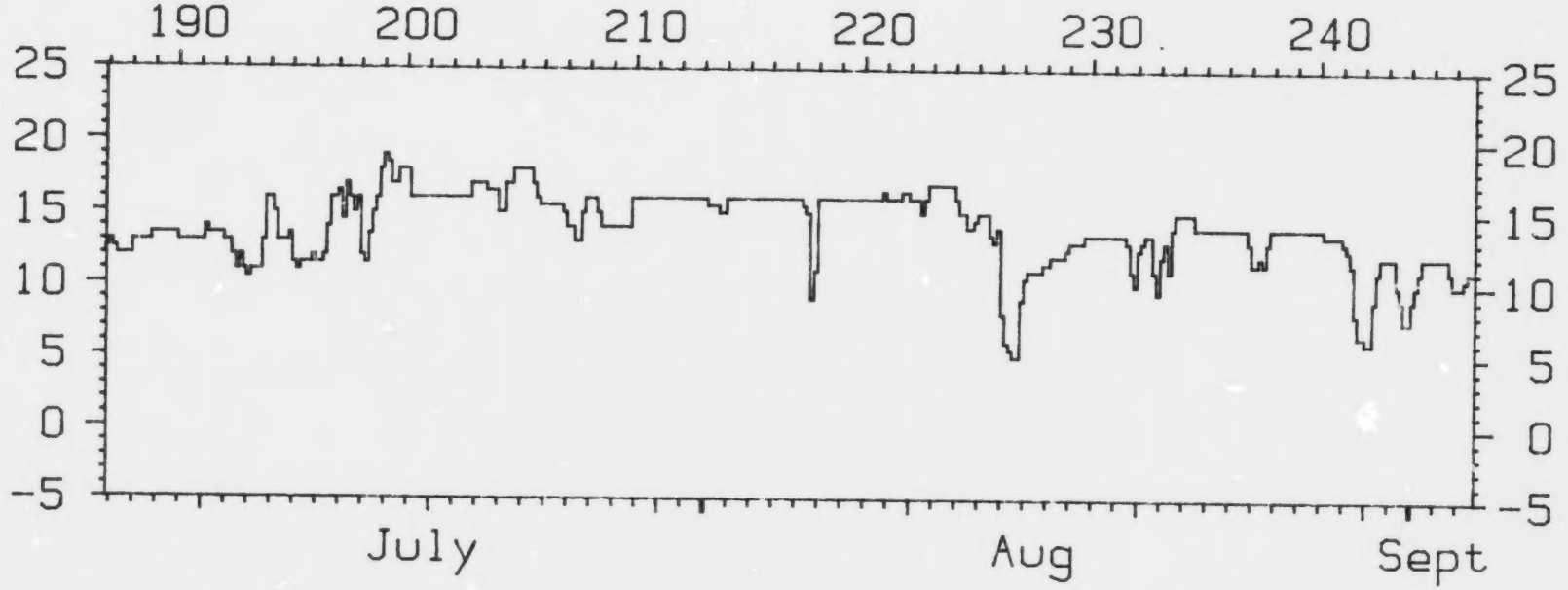
Instrument : 61672

Station 17C

COLINET NFLD. (Page 2)

Pos. : 47.19, 53.58 Depth : 6 meters

July 5, 1983 20:00 GMT to Sept 3, 1983 20:00 GMT

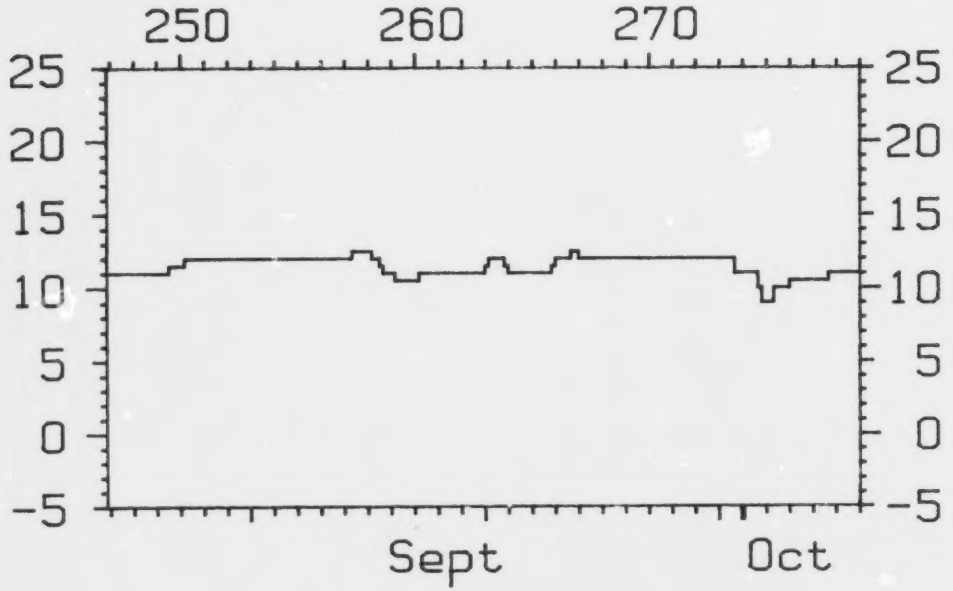


Instrument : 61672

COLINET NFLD. (Page 3)

Pos. : 47.19, 53.58 Depth : 6 meters

Sept 3, 1983 20:00 GMT to Oct 6, 1983 00:00 GMT

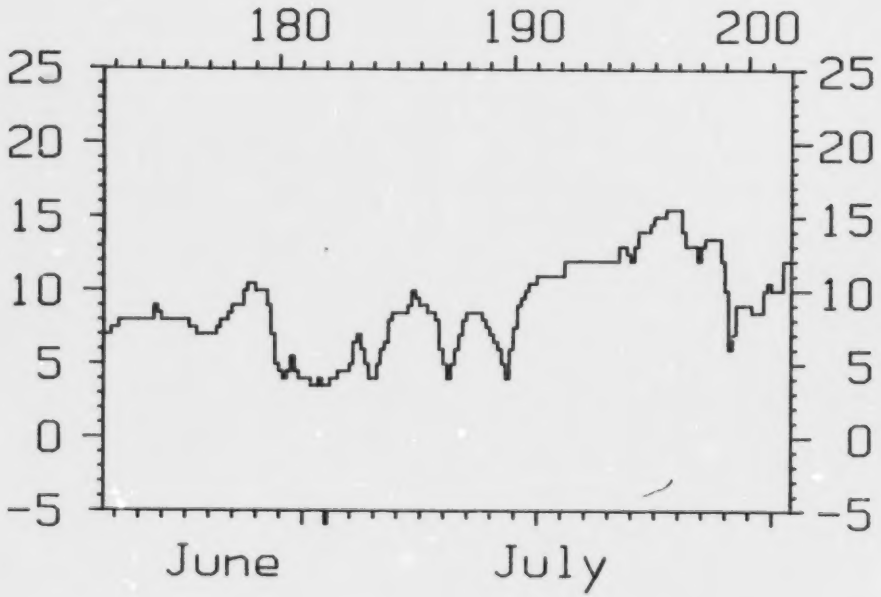


Instrument : 61672

BECKFORD HEAD ST. MARY'S BAY NFLD.

Pos. : 46.89, 53.87 Depth : 1 meters

June 21, 1983 12:00 GMT to July 20, 1983 20:00 GMT

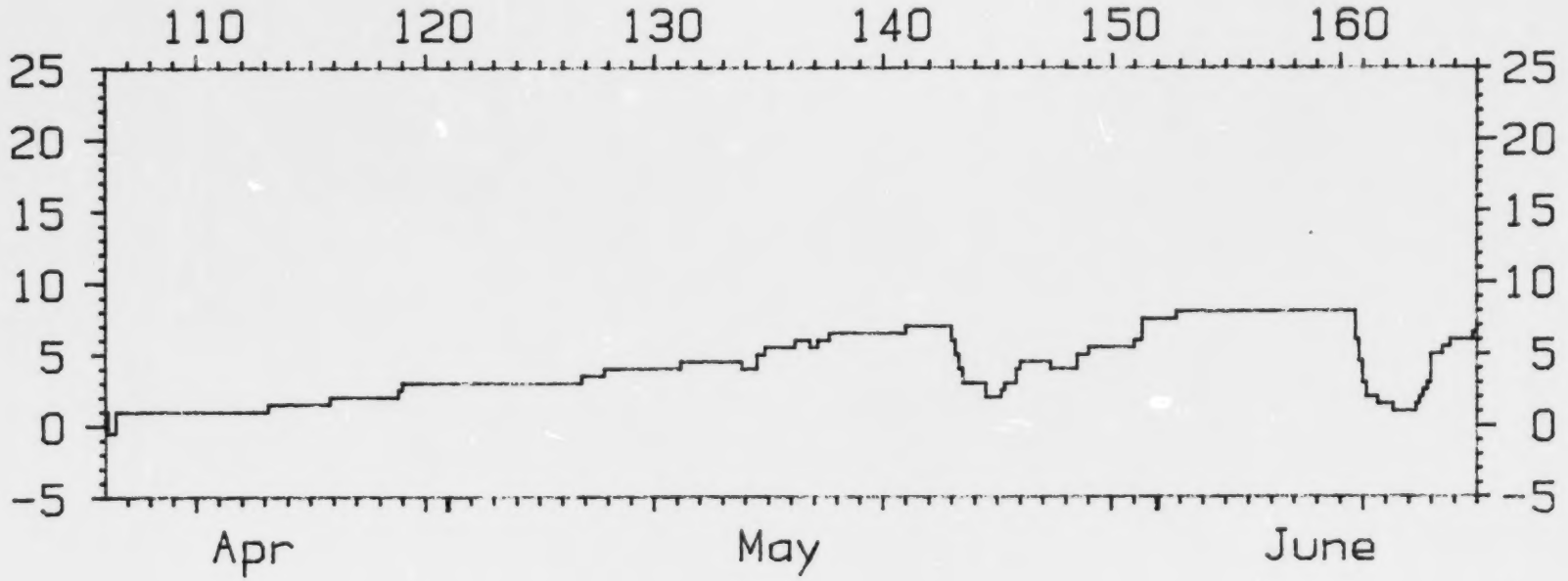


Instrument : 62507

SHAG ROCKS NFLD. (Page 1)

Pos. : 47.42, 53.83 Depth : 14 meters

Apr 16, 1981 00:00 GMT to June 15, 1981 00:00 GMT

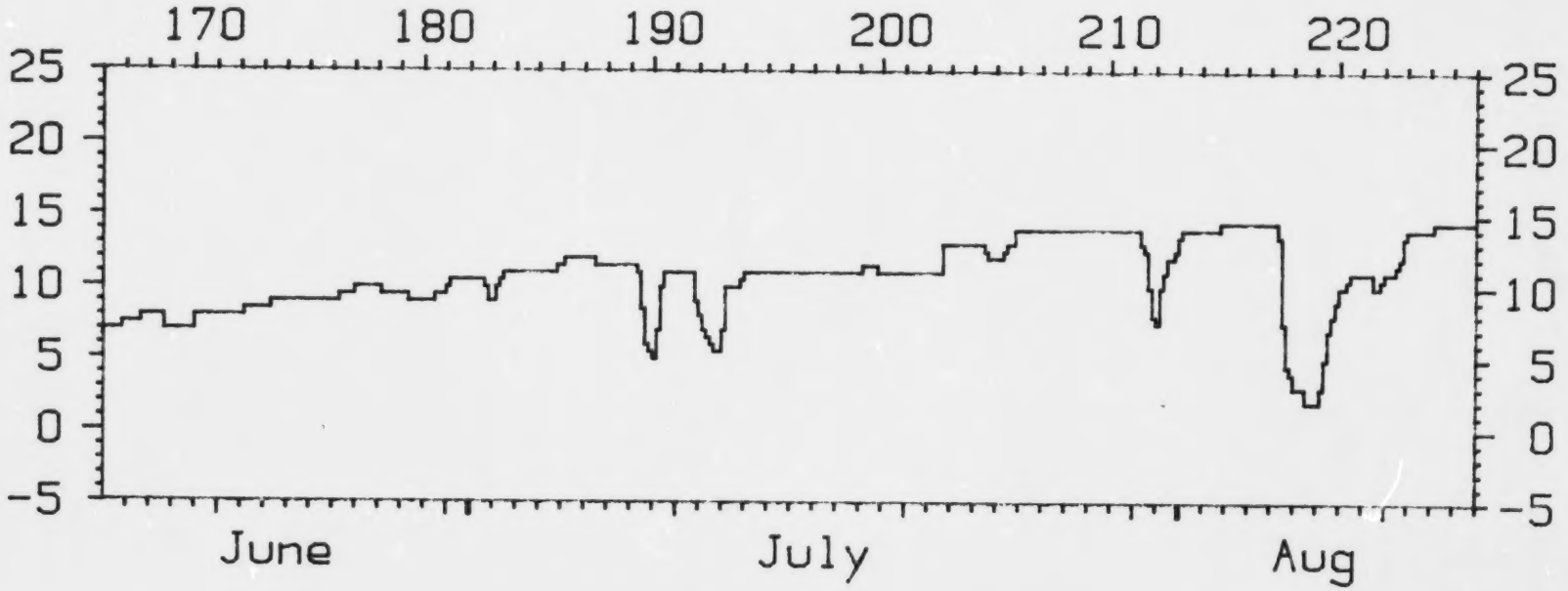


Instrument : 61613

SHAG ROCKS NFLD. (Page 2)

Pos. : 47.42, 53.83 Depth : 14 meters

June 15, 1981 00:00 GMT to Aug 14, 1981 00:00 GMT

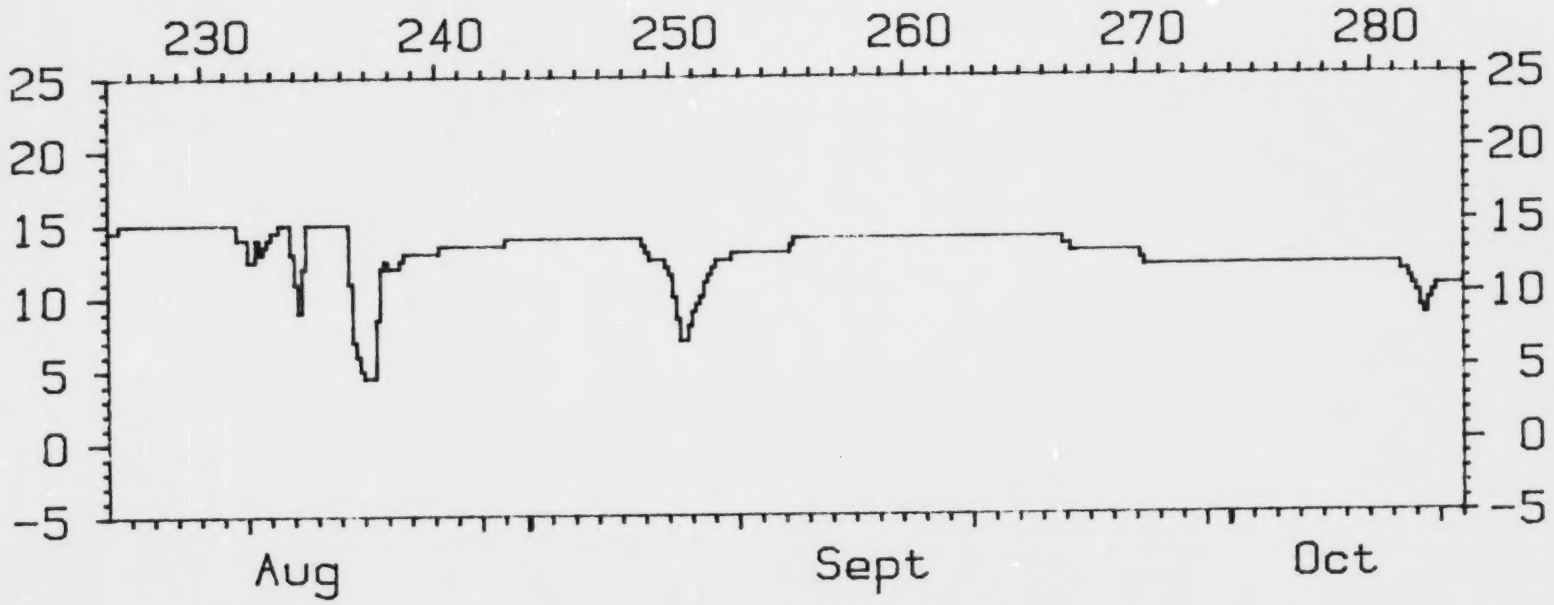


Instrument : 61613

SHAG ROCKS NFLD. (Page 3)

Pos. : 47.42, 53.83 Depth : 14 meters

Aug 14, 1981 00:00 GMT to Oct 11, 1981 00:00 GMT

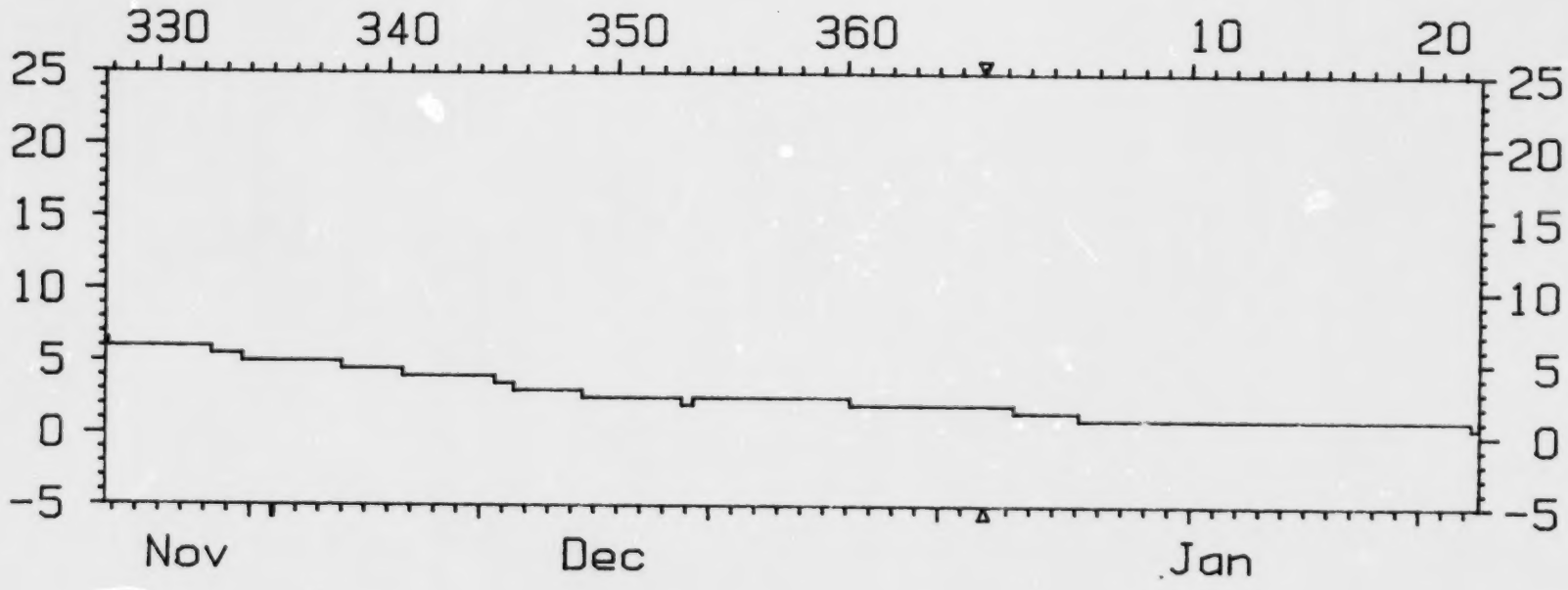


Instrument : 61613

SHAG ROCKS NFLD. (Page 1)

Pos. : 47.42, 53.83 Depth : 9 meters

Nov 23, 1982 16:00 GMT to Jan 22, 1983 16:00 GMT



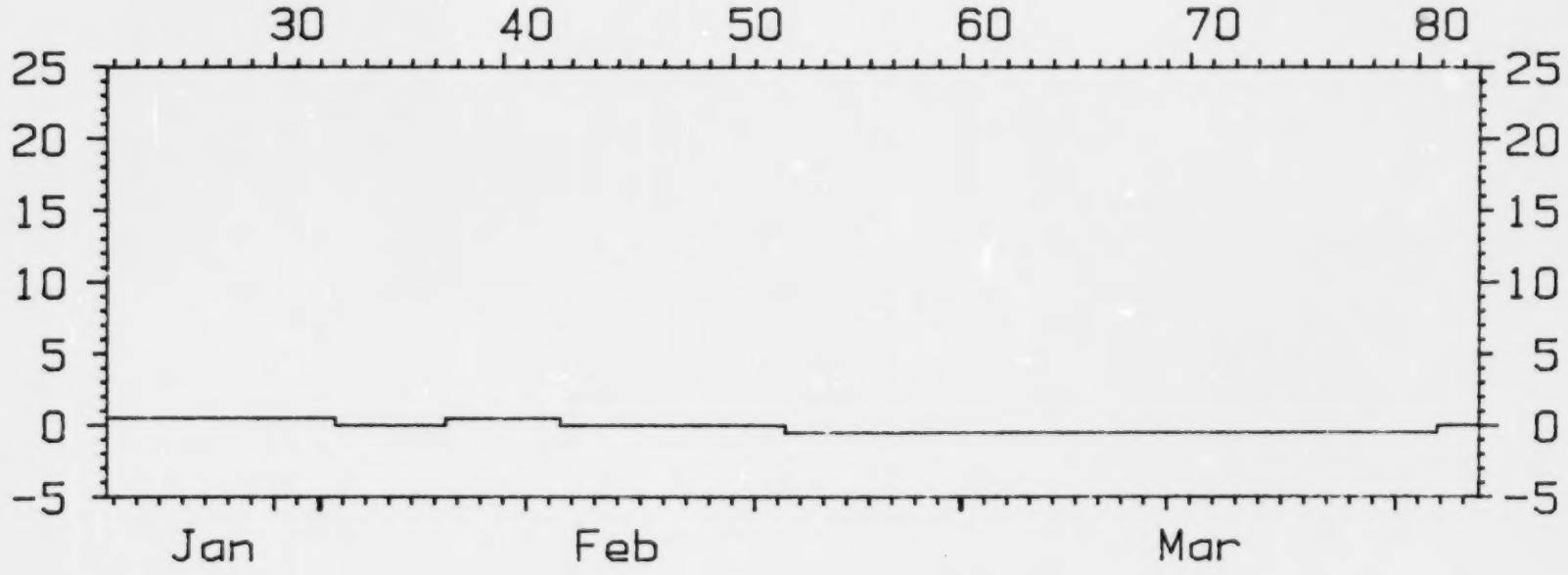
Instrument : 61052

Station 19B

SHAG ROCKS NFLD. (Page 2)

Pos. : 47.42, 53.83 Depth : 9 meters

Jan 22, 1983 16:00 GMT to Mar 23, 1983 16:00 GMT

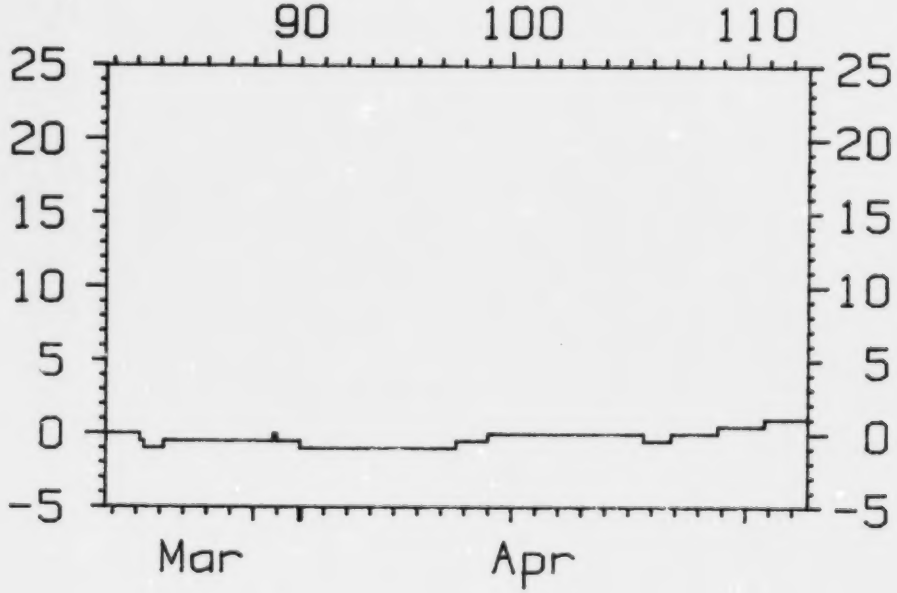


Instrument : 61052

SHAG ROCKS NFLD. (Page 3)

Pos. : 47.42, 53.83 Depth : 9 meters

Mar 23, 1983 16:00 GMT to Apr 22, 1983 16:00 GMT

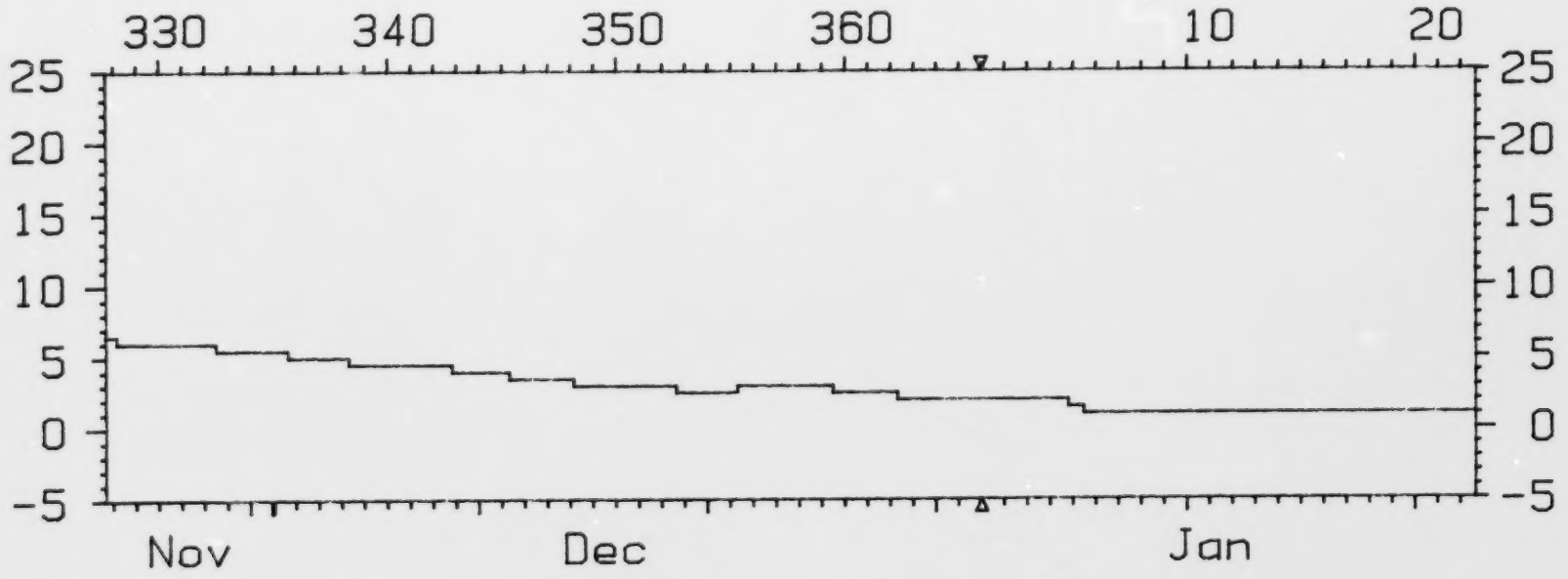


Instrument : 61052

SHAG ROCKS NFLD. (Page 1)

Pos. : 47.42, 53.83 Depth : 9 meters

Nov 23, 1982 16:00 GMT to Jan 22, 1983 16:00 GMT



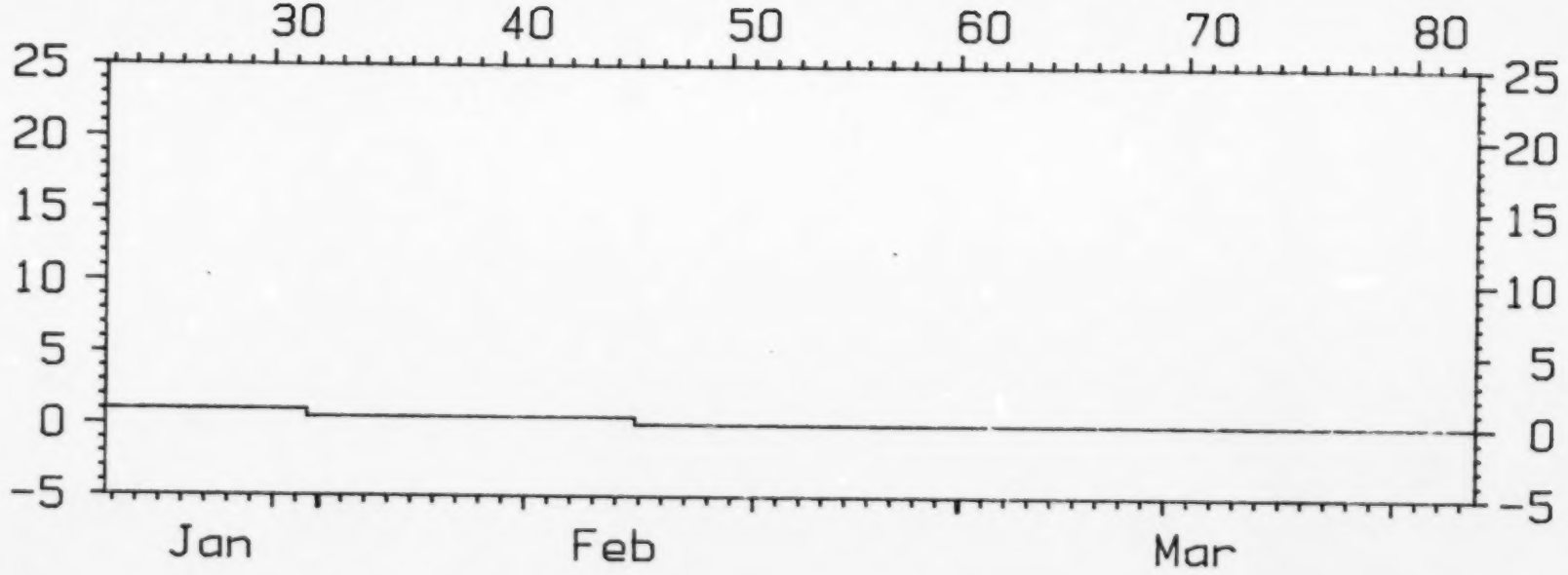
Instrument : 62542

Station 19C

SHAG ROCKS NFLD. (Page 2)

Pos. : 47.42, 53.83 Depth : 9 meters

Jan 22, 1983 16:00 GMT to Mar 23, 1983 16:00 GMT

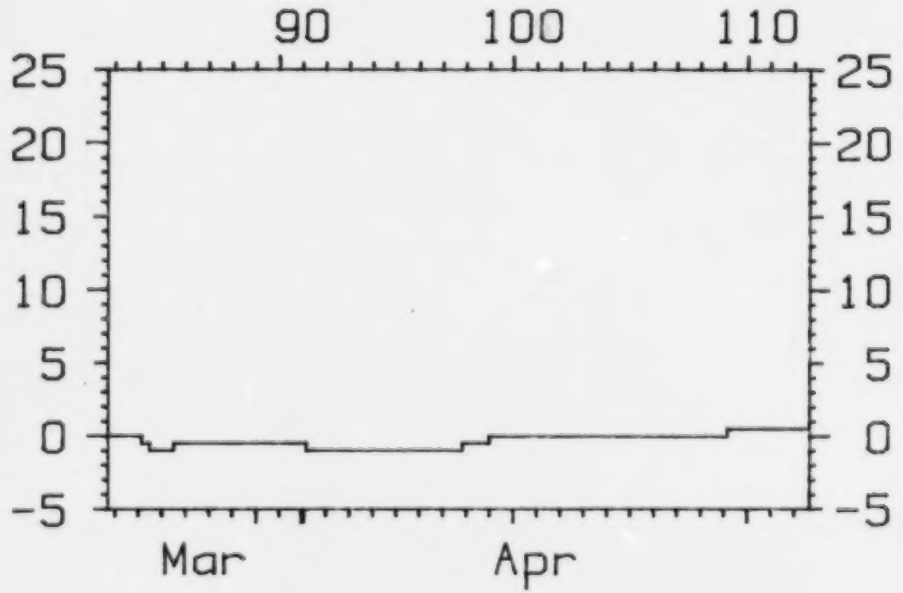


Instrument : 62542

SHAG ROCKS NFLD. (Page 3)

Pos. : 47.42, 53.83 Depth : 9 meters

Mar 23, 1983 16:00 GMT to Apr 22, 1983 16:00 GMT

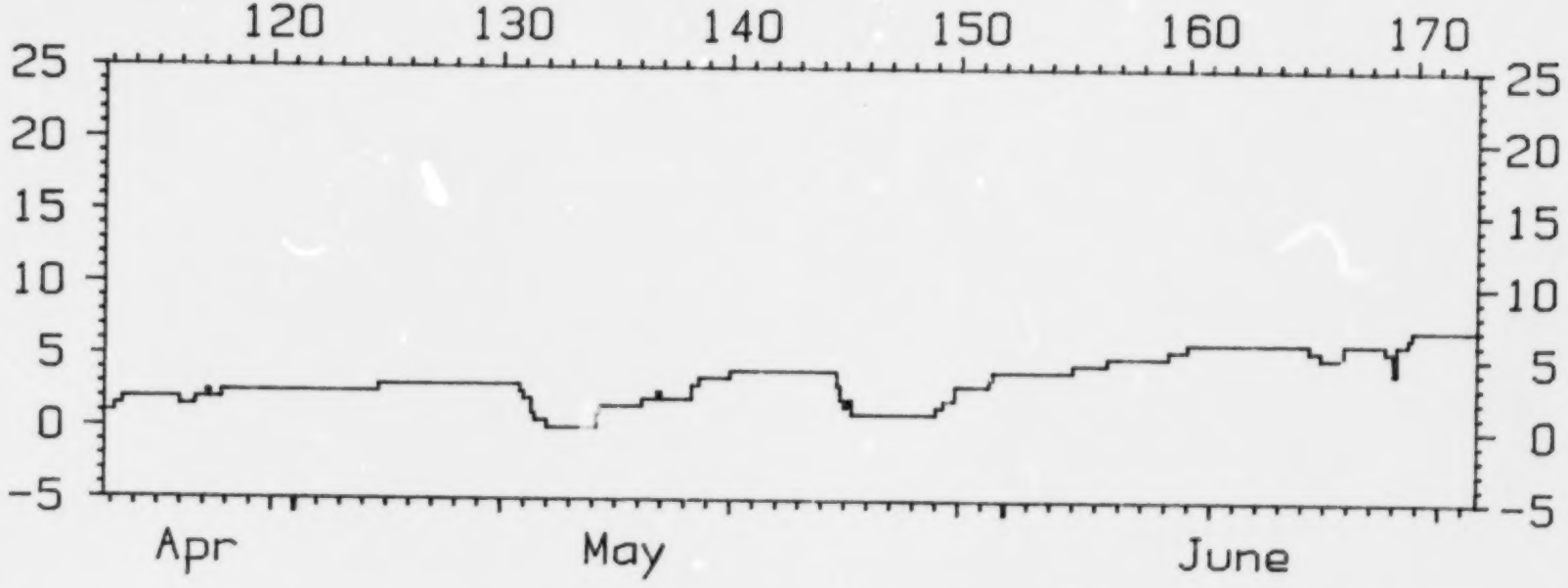


Instrument : 62542

SHAG ROCKS NFLD. (Page 1)

Pos. : 47.42, 53.83 Depth : 9 meters

Apr 22, 1983 16:00 GMT to June 21, 1983 16:00 GMT



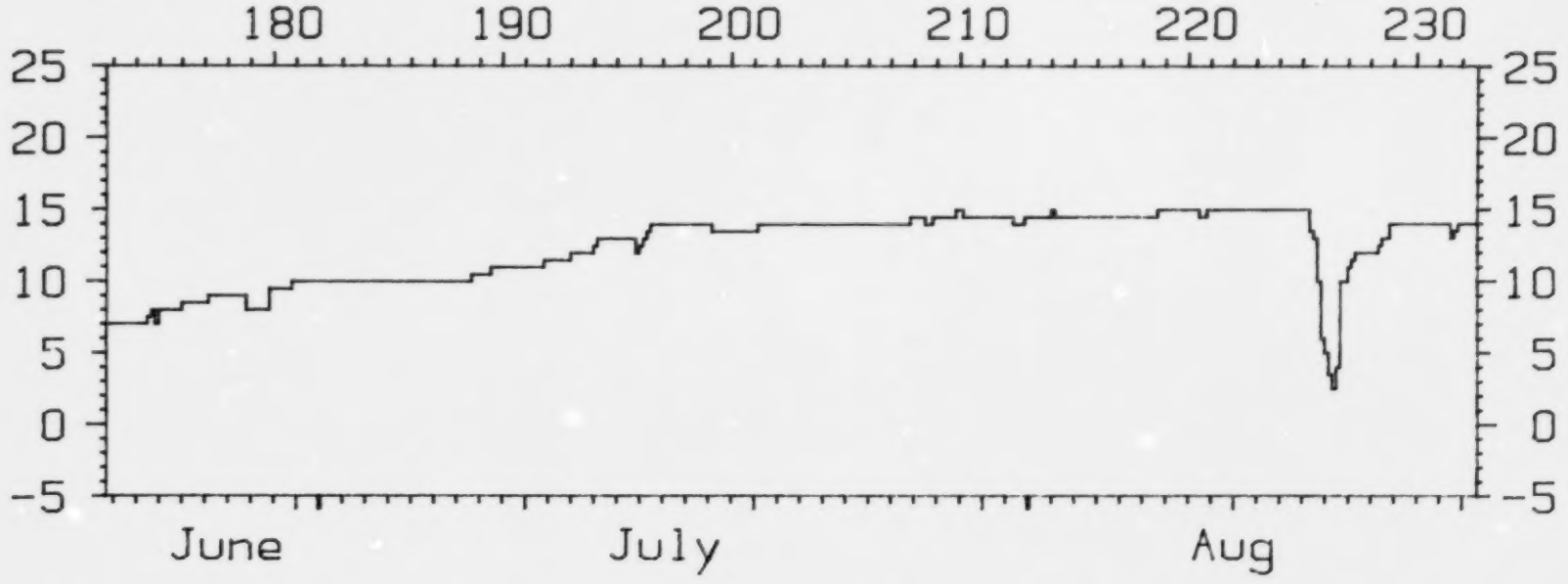
Instrument : 62494

Station 19D

SHAG ROCKS NFLD. (Page 2)

Pos. : 47.42, 53.83 Depth : 9 meters

June 21, 1983 16:00 GMT to Aug 20, 1983 16:00 GMT

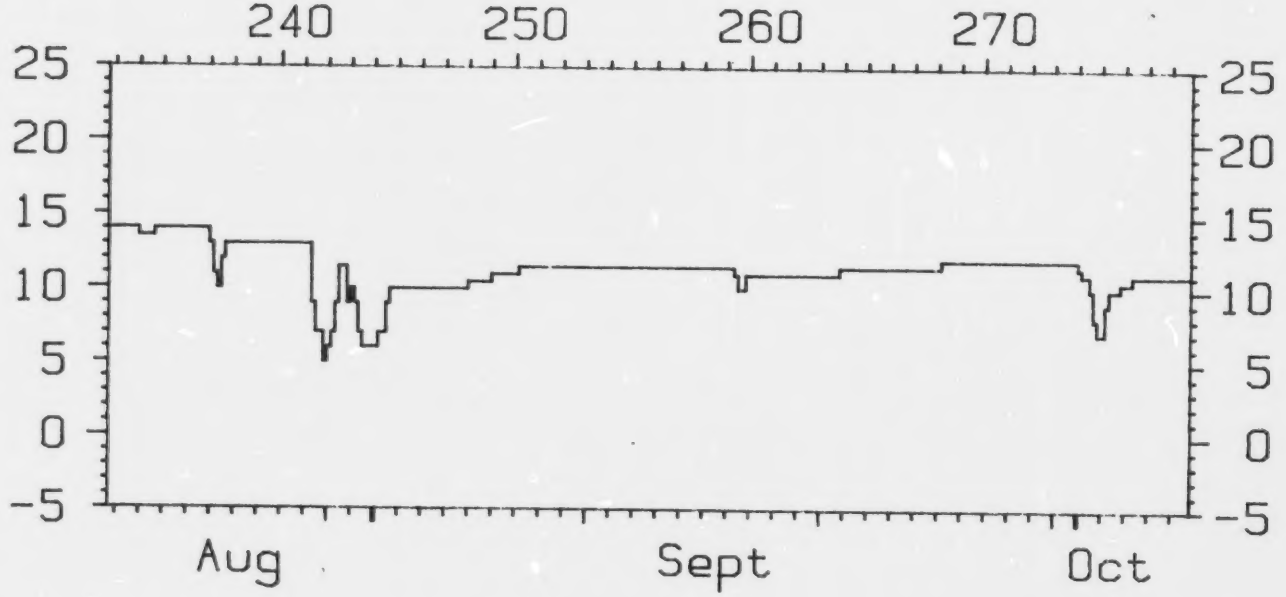


Instrument : 62494

SHAG ROCKS NFLD. (Page 3)

Pos. : 47.42, 53.83 Depth : 9 meters

Aug 20, 1983 16:00 GMT to Oct 5, 1983 20:00 GMT

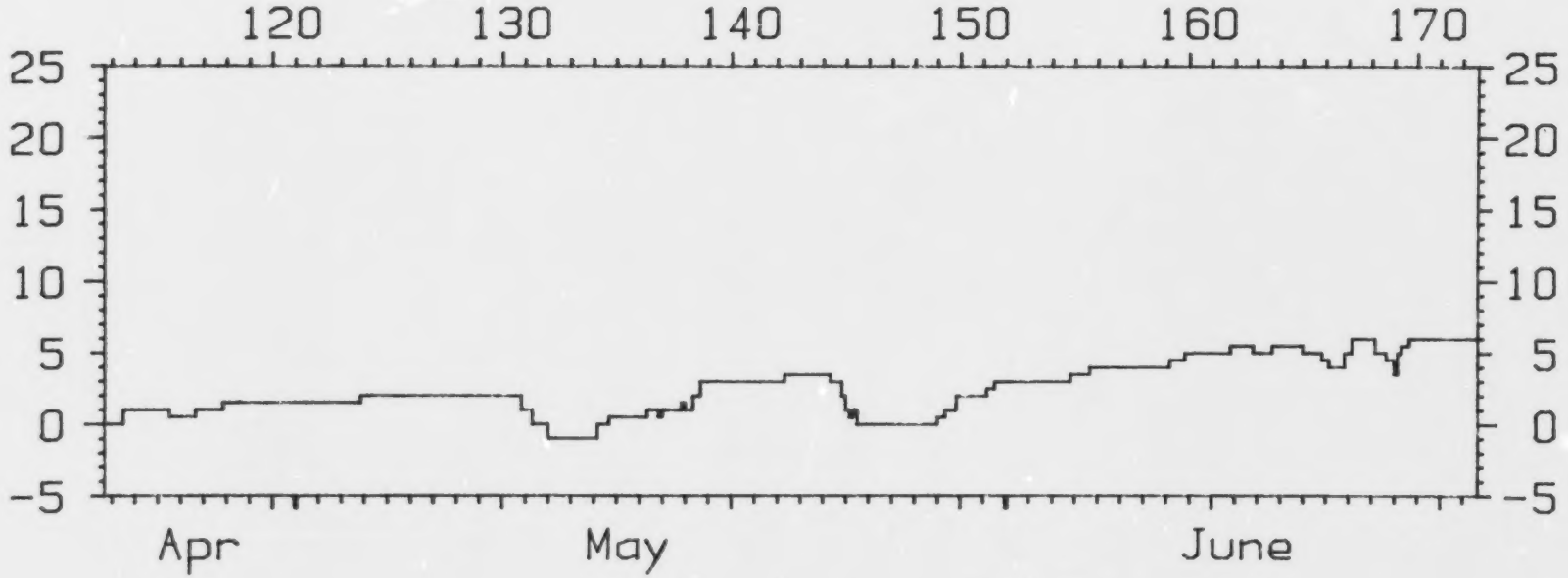


Instrument : 62494

SHAG ROCKS NFLD. (Page 1)

Pos. : 47.42, 53.83 Depth : 9 meters

Apr 22, 1983 16:00 GMT to June 21, 1983 16:00 GMT



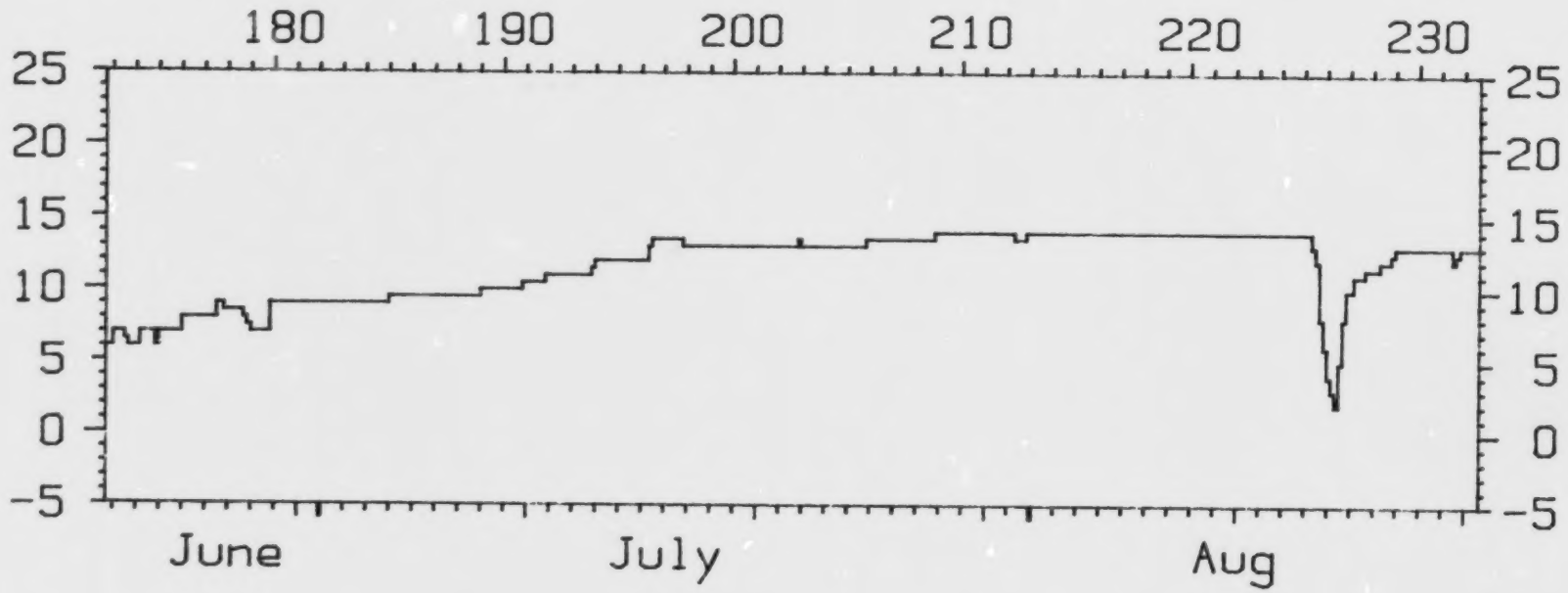
Instrument : 62452

Station 19C

SHAG ROCKS NFLD. (Page 2)

Pos. : 47.42, 53.83 Depth : 9 meters

June 21, 1983 16:00 GMT to Aug 20, 1983 16:00 GMT

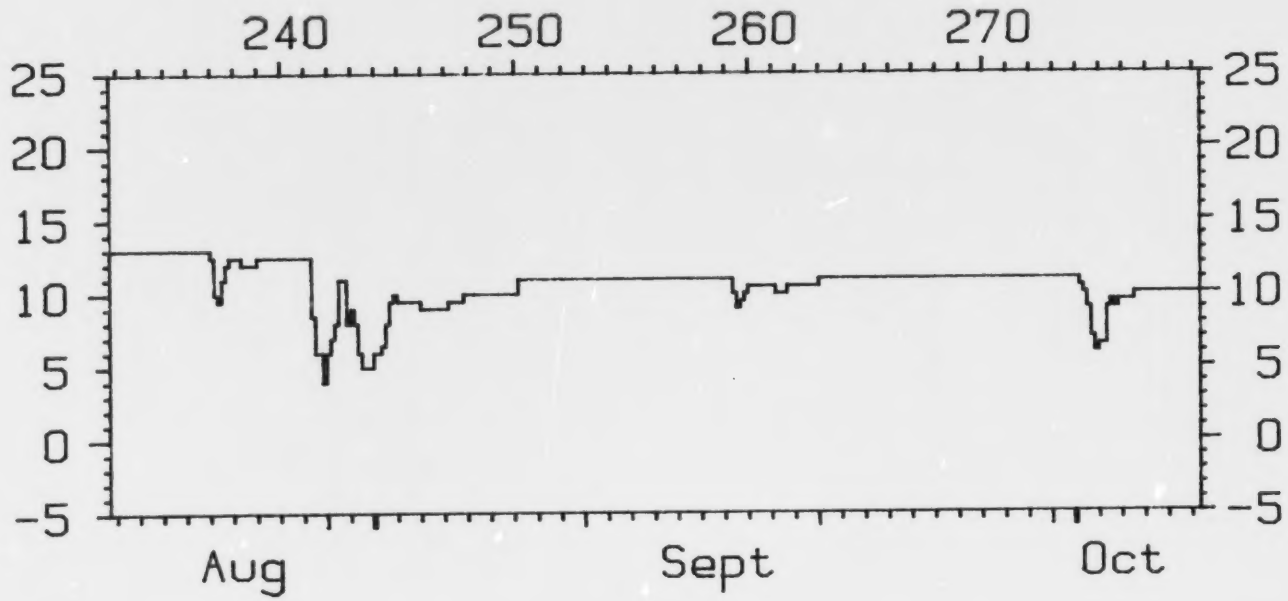


Instrument : 62452

SHAG ROCKS NFLD. (Page 3)

Pos. : 47.42, 53.83 Depth : 9 meters

Aug 20, 1983 16:00 GMT to Oct 6, 1983 08:00 GMT

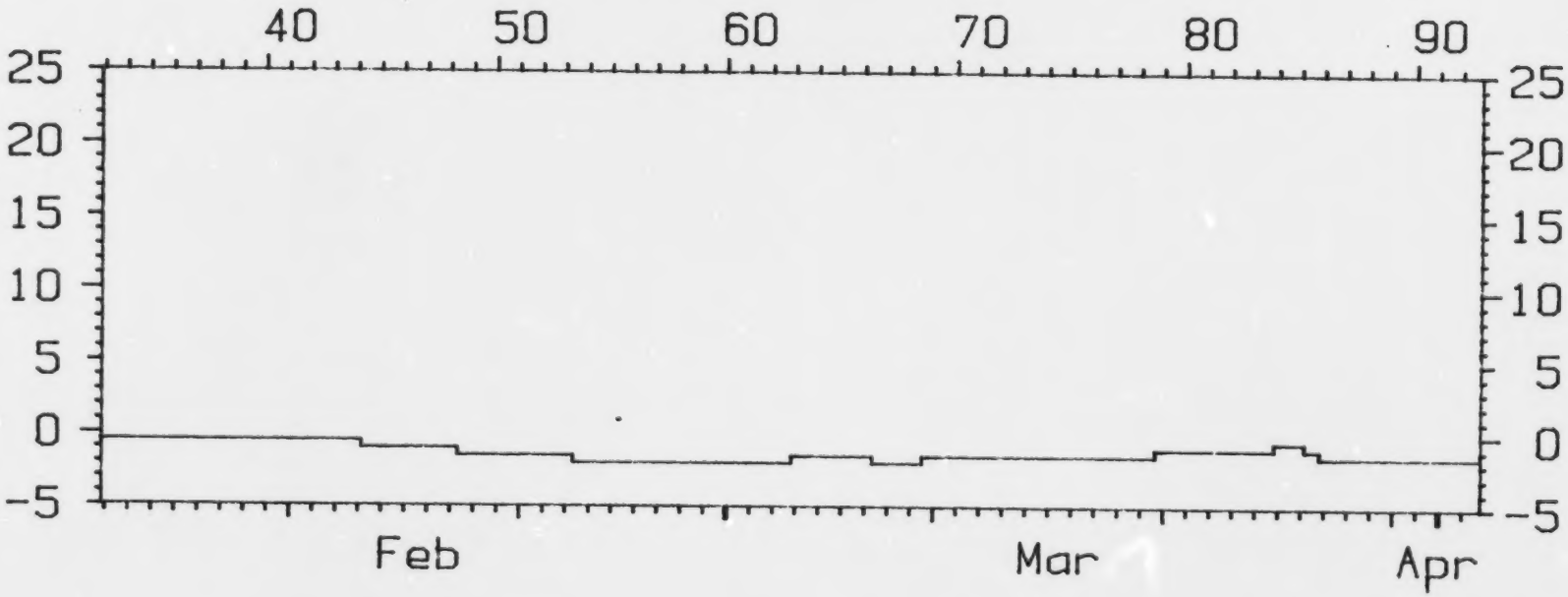


Instrument : 62452

ARNOLDS COVE NFLD. (Page 1)

Pos. : 47.75, 54. Depth : 9 meters

Feb 1, 1983 20:00 GMT to Apr 2, 1983 20:00 GMT



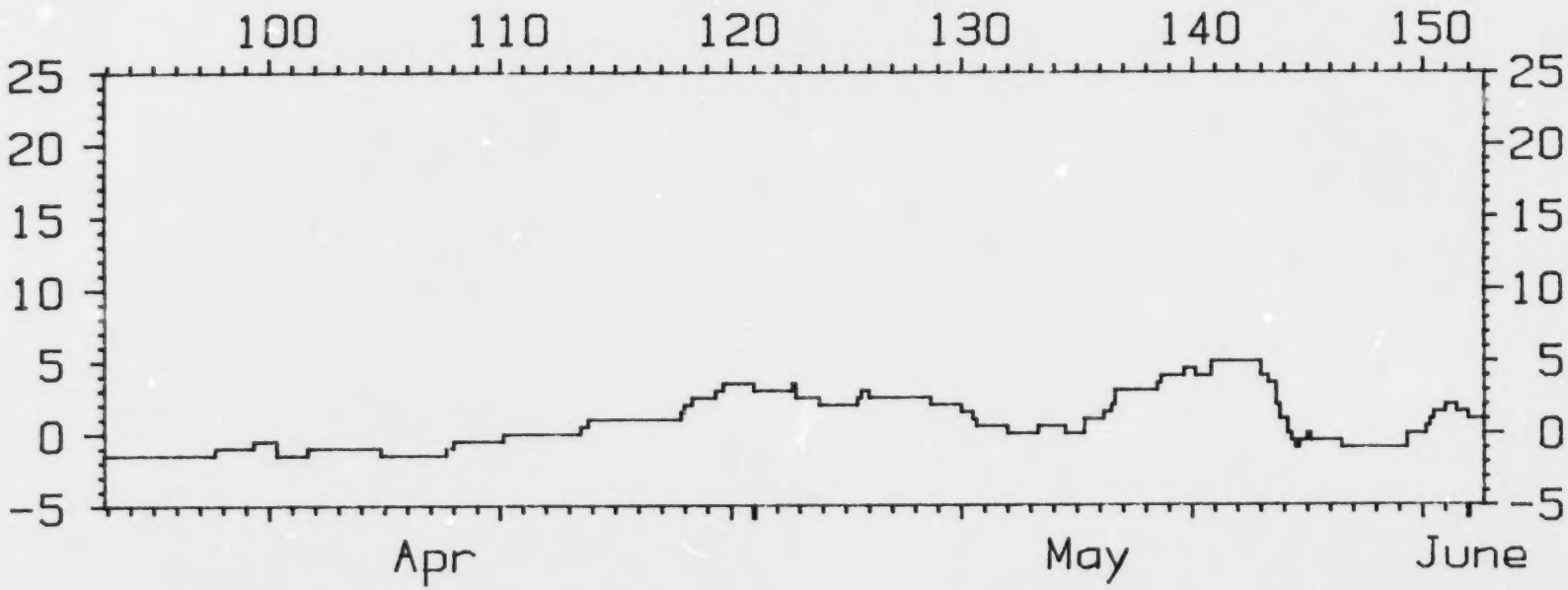
Instrument : 62459

Station 20A

ARNOLDS COVE NFLD. (Page 2)

Pos. : 47.75, 54. Depth : 9 meters

Apr 2, 1983 20:00 GMT to June 1, 1983 16:00 GMT



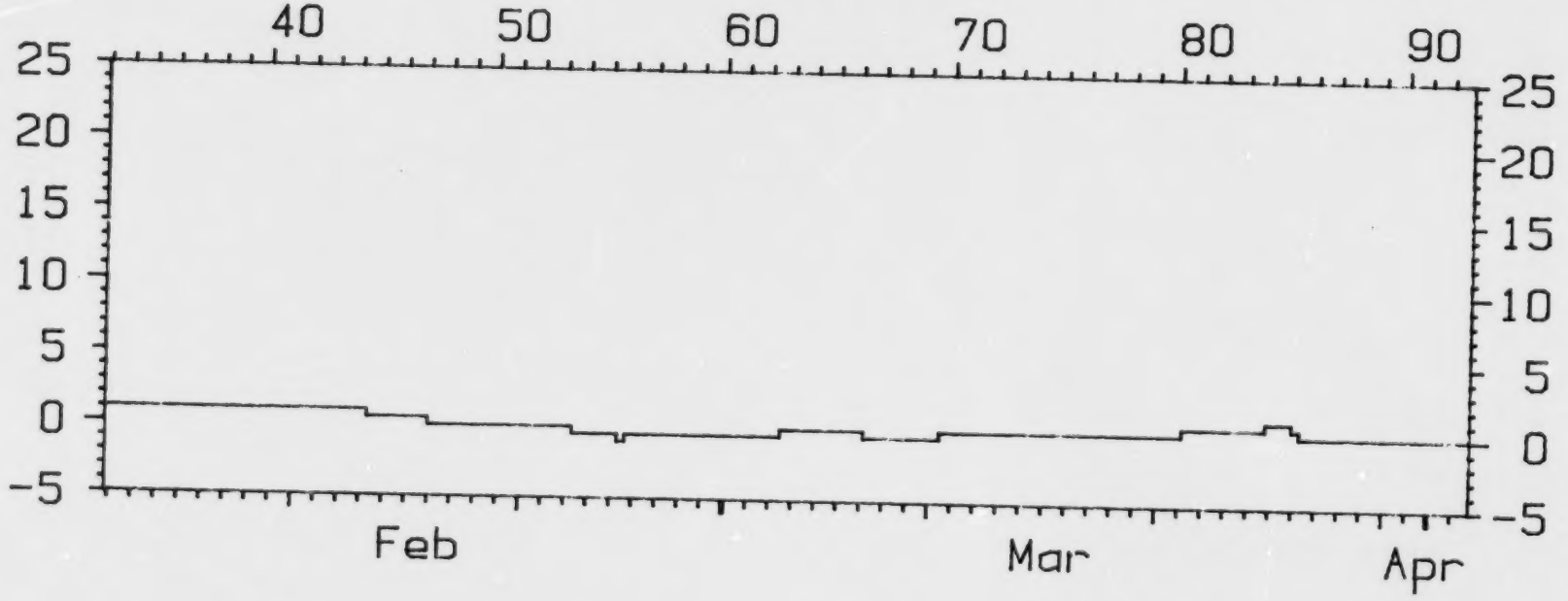
Instrument : 62459

ARNOLDS COVE NFLD.

(Page 1)

Pos. : 47.75, 54. Depth : 9 meters

Feb 1, 1983 20:00 GMT to Apr 2, 1983 20:00 GMT



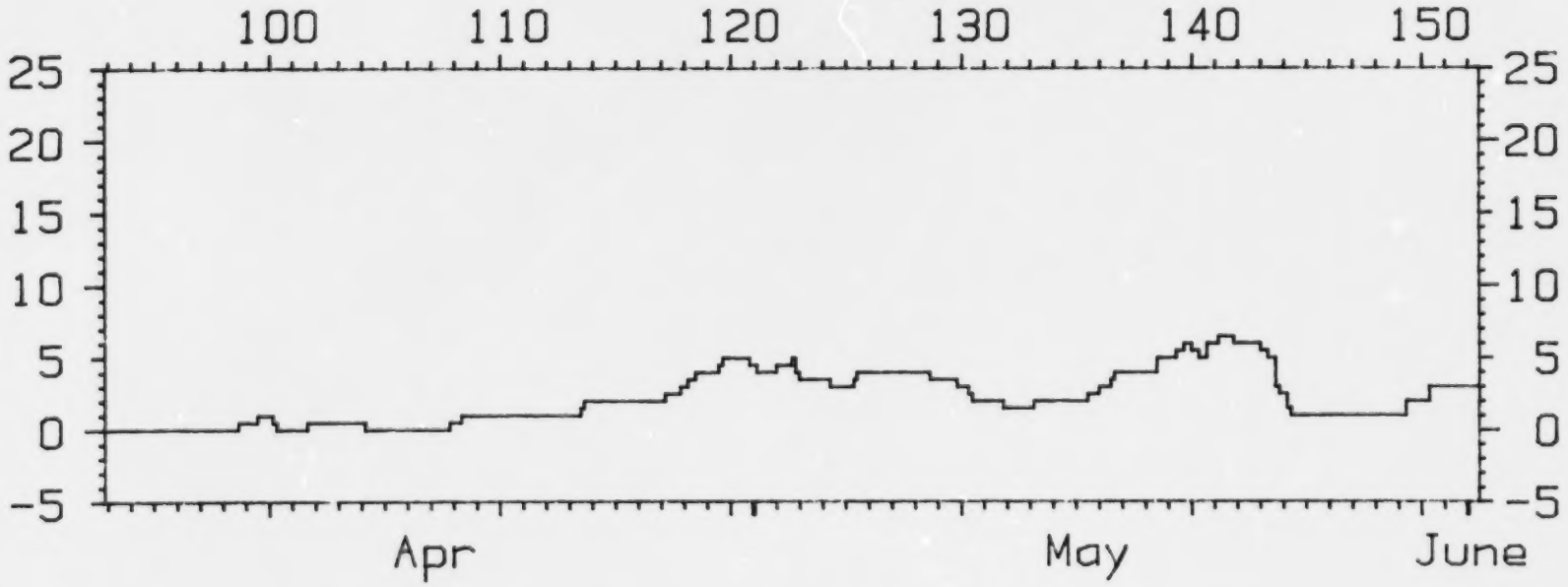
Instrument : 62483

Station 20B

ARNOLDS COVE NFLD. (Page 2)

Pos. : 47.75, 54- Depth : 9 meters

Apr 2, 1983 20:00 GMT to June 1, 1983 12:00 GMT

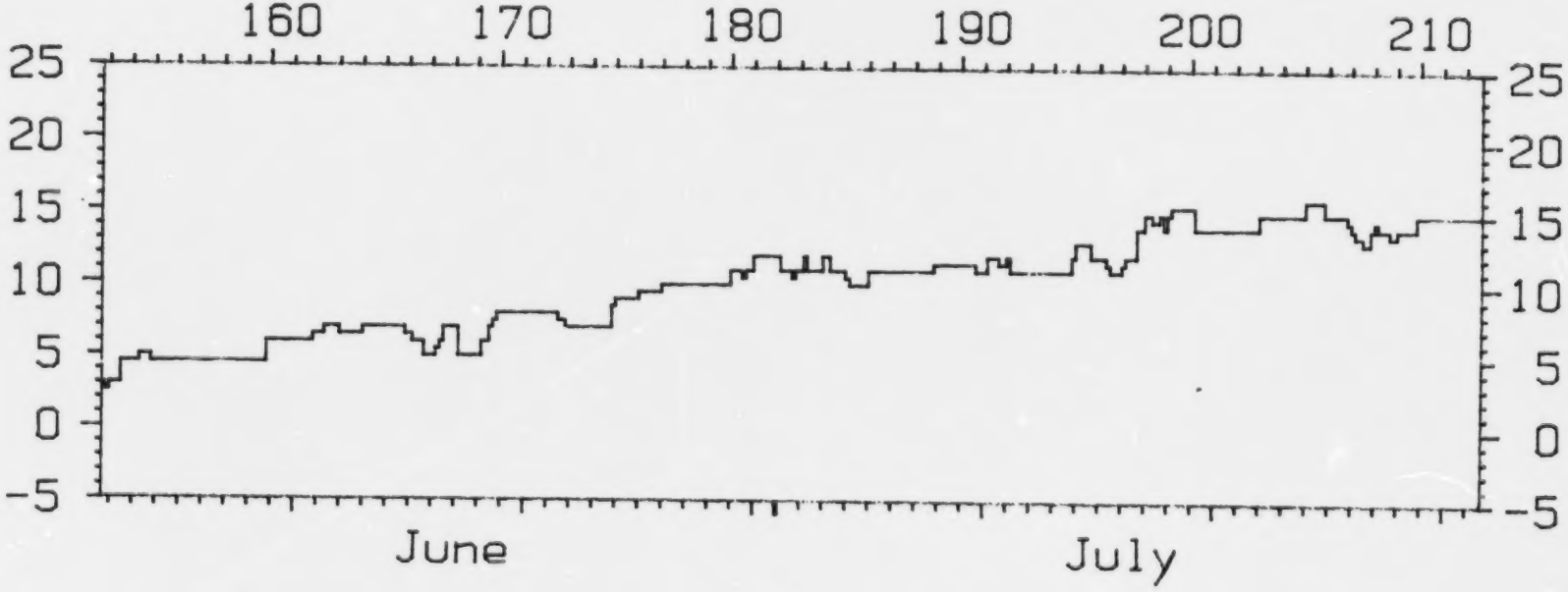


Instrument : 62483

ARNOLDS COVE NFLD. (Page 1)

Pos. : 47.75, 54. Depth : 9 meters

June 1, 1983 16:00 GMT to July 31, 1983 16:00 GMT



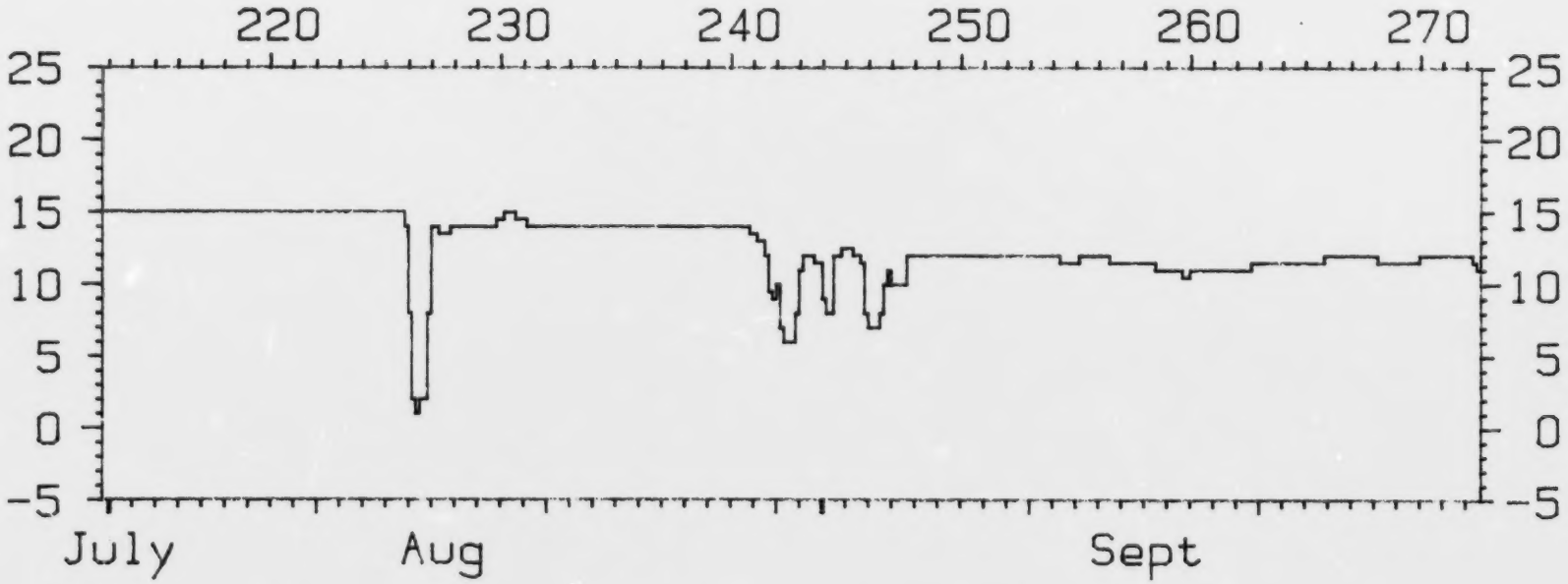
Instrument : 62490

Station 20C

ARNOLDS COVE NFLD. (Page 2)

Pos. : 47.75, 54. Depth : 9 meters

July 31, 1983 16:00 GMT to Sept 29, 1983 16:00 GMT

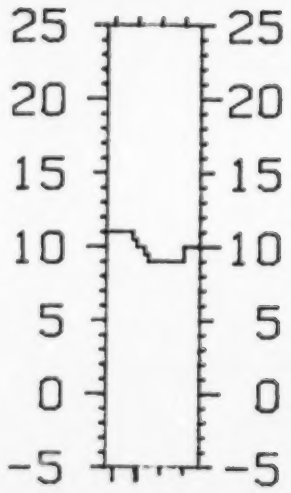


Instrument : 62490

ARNOLDS COVE NFLD. (Page 3)

Pos. : 47.75, 54. Depth : 9 meters

Sept 29, 1983 16:00 GMT to Oct 3, 1983 16:00 GMT

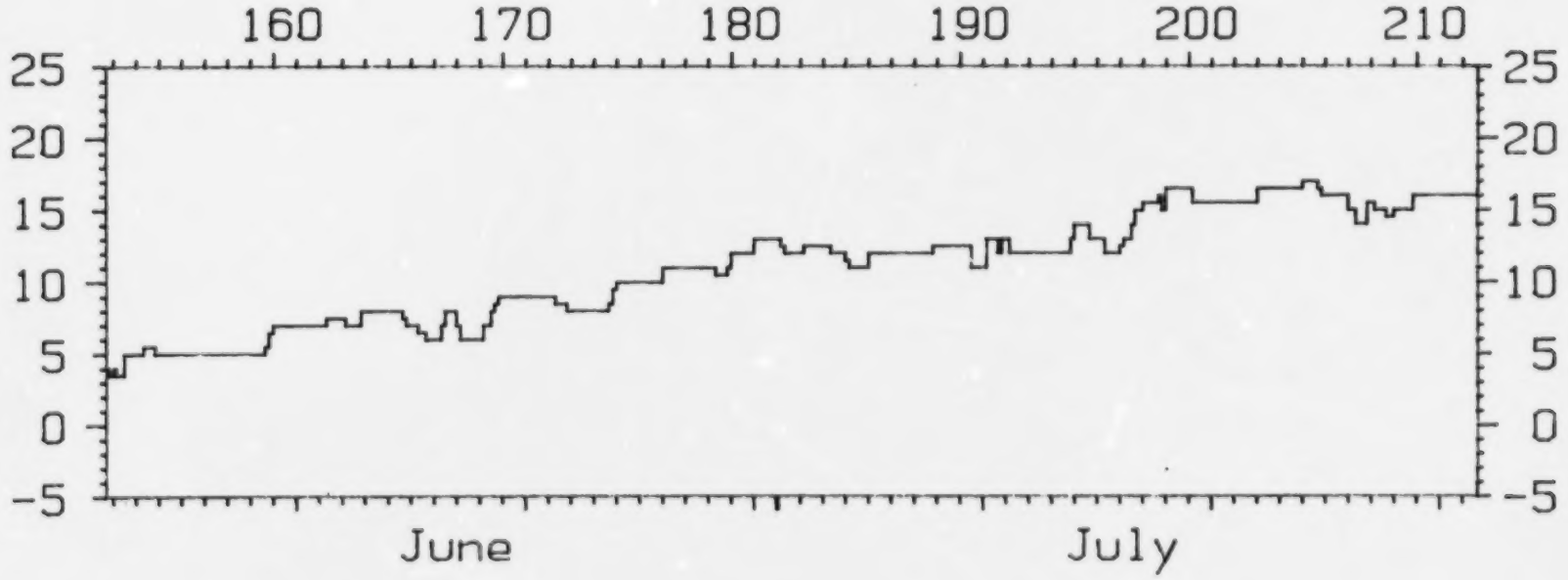


Instrument : 62490

ARNOLDS COVE NFLD. (Page 1)

Pos. : 47.75, 54. Depth : 9 meters

June 1, 1983 16:00 GMT to July 31, 1983 16:00 GMT



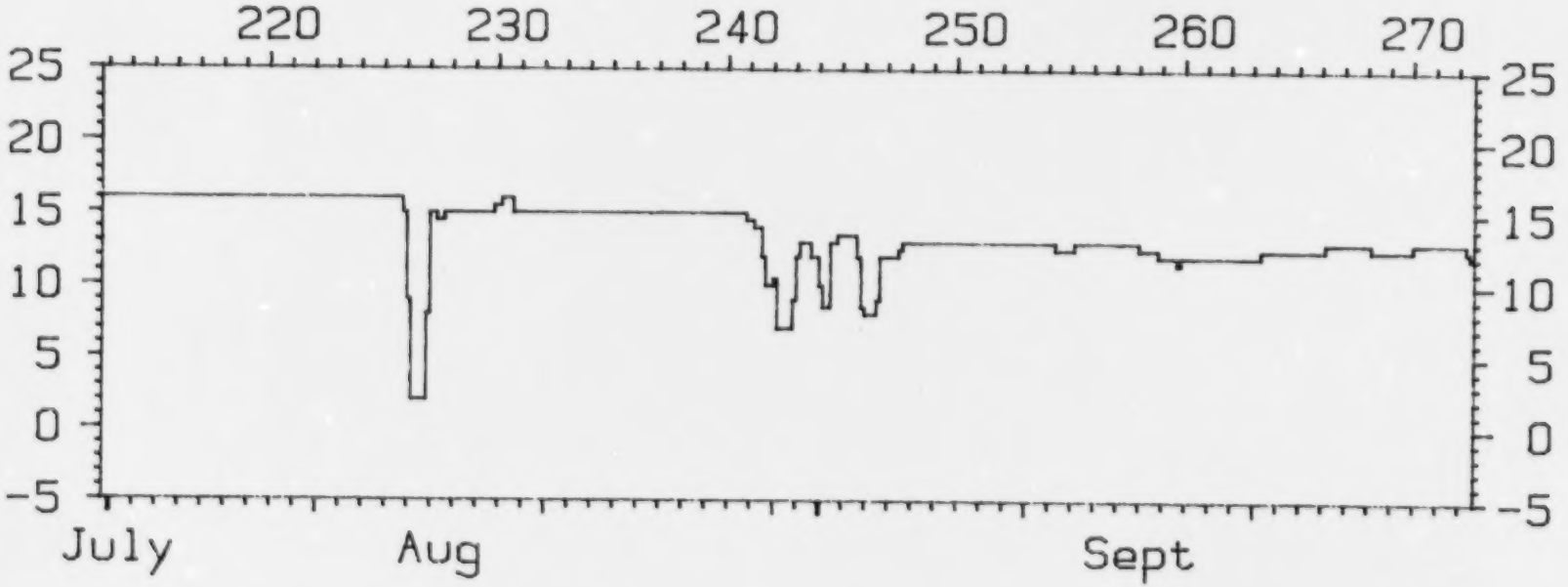
Instrument : 62462

Station 20D

ARNOLDS COVE NFLD. (Page 2)

Pos. : 47.75, 54, Depth : 9 meters

July 31, 1983 16:00 GMT to Sept 29, 1983 16:00 GMT

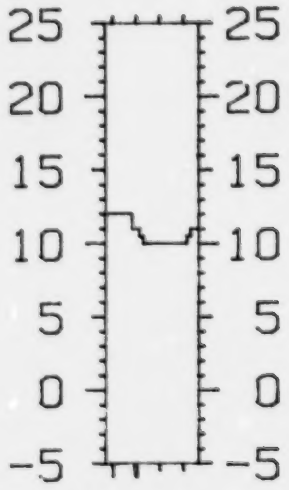


Instrument : 62462

ARNOLDS COVE NFLD. (Page 3)

Pos. : 47.75, 54. Depth : 9 meters

Sept 29, 1983 16:00 GMT to Oct 3, 1983 16:00 GMT

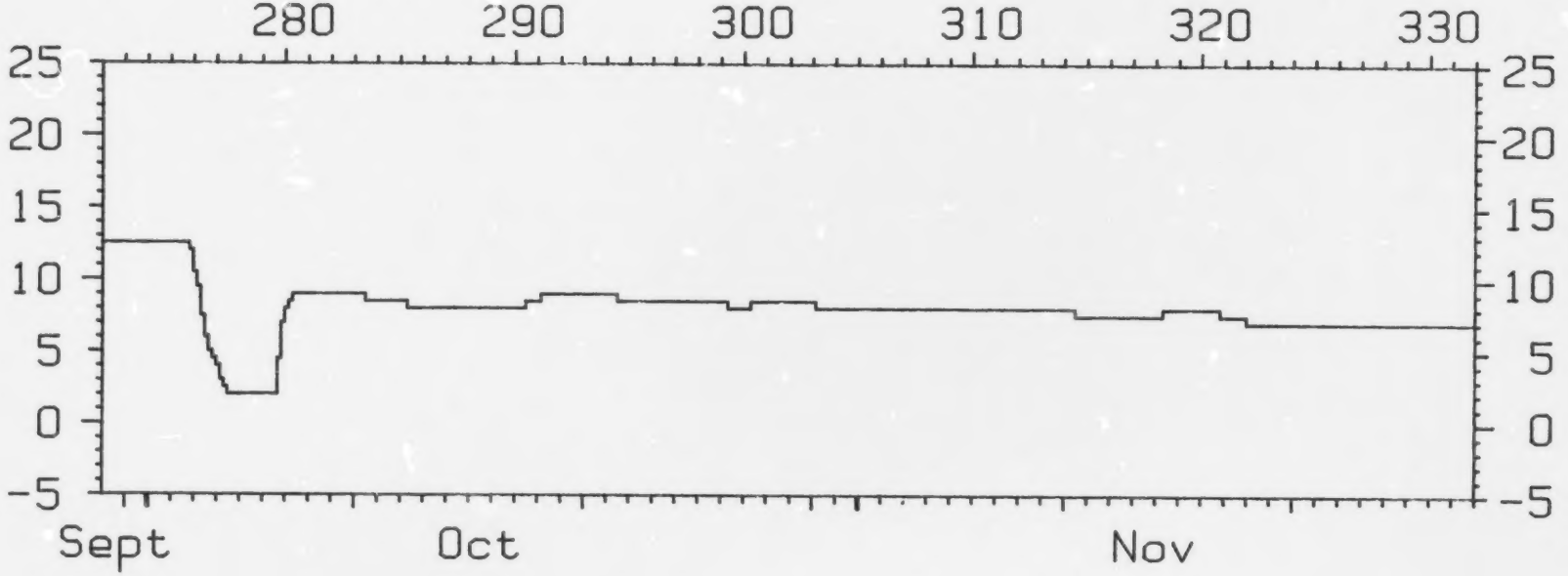


Instrument : 62462

ARNOLDS COVE NFLD (Page 1)

Pos. : 47.75, 54. Depth : 9 meters

Sept 29, 1982 00:00 GMT to Nov 28, 1982 00:00 GMT



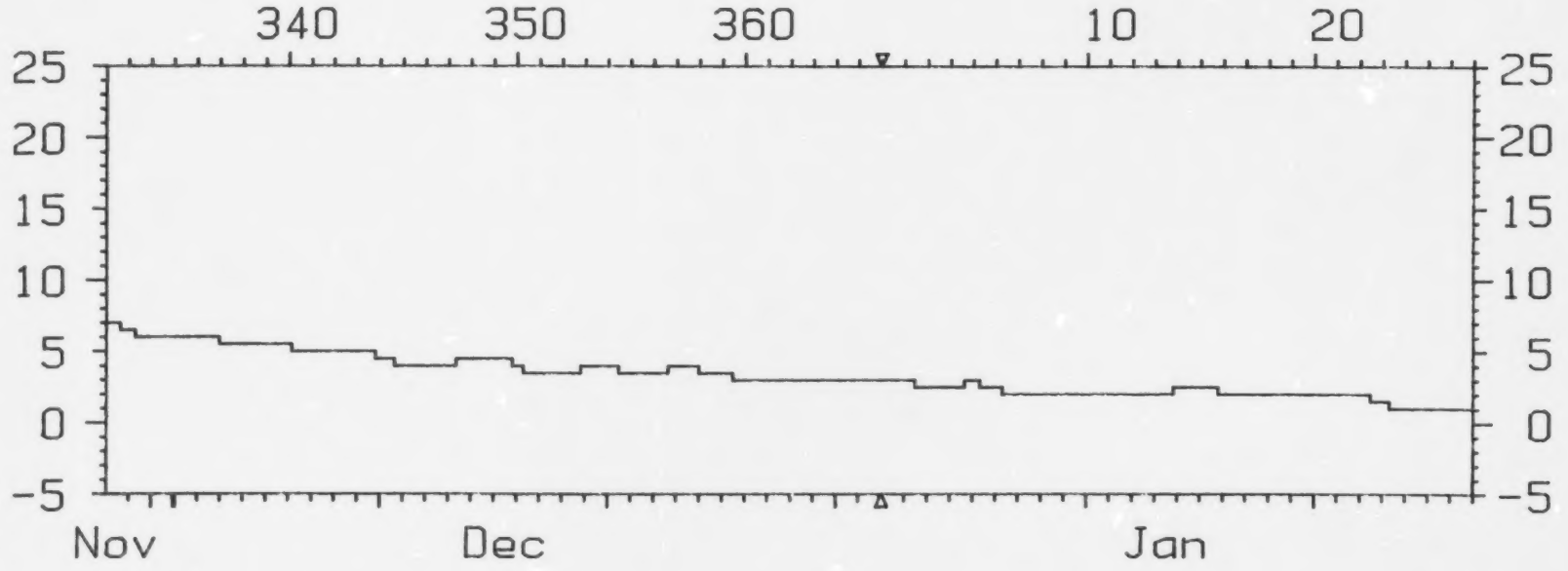
Instrument : 61470

Station 20E

ARNOLDS COVE NFLD (Page 2)

Pos. : 47.75, 54. Depth : 9 meters

Nov 28, 1982 00:00 GMT to Jan 27, 1983 00:00 GMT



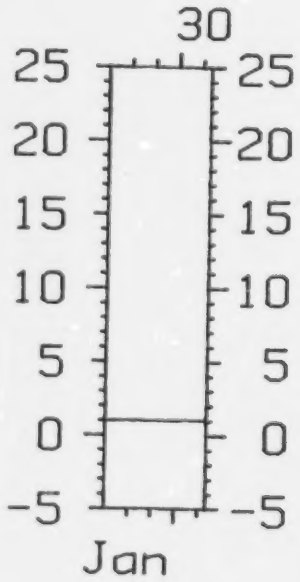
Instrument : 61470

Station 20E (Cont'd)

ARNOLDS COVE NFLD (Page 3)

Pos. : 47.75, 54. Depth : 9 meters

Jan 27, 1983 00:00 GMT to Jan 31, 1983 08:00 GMT

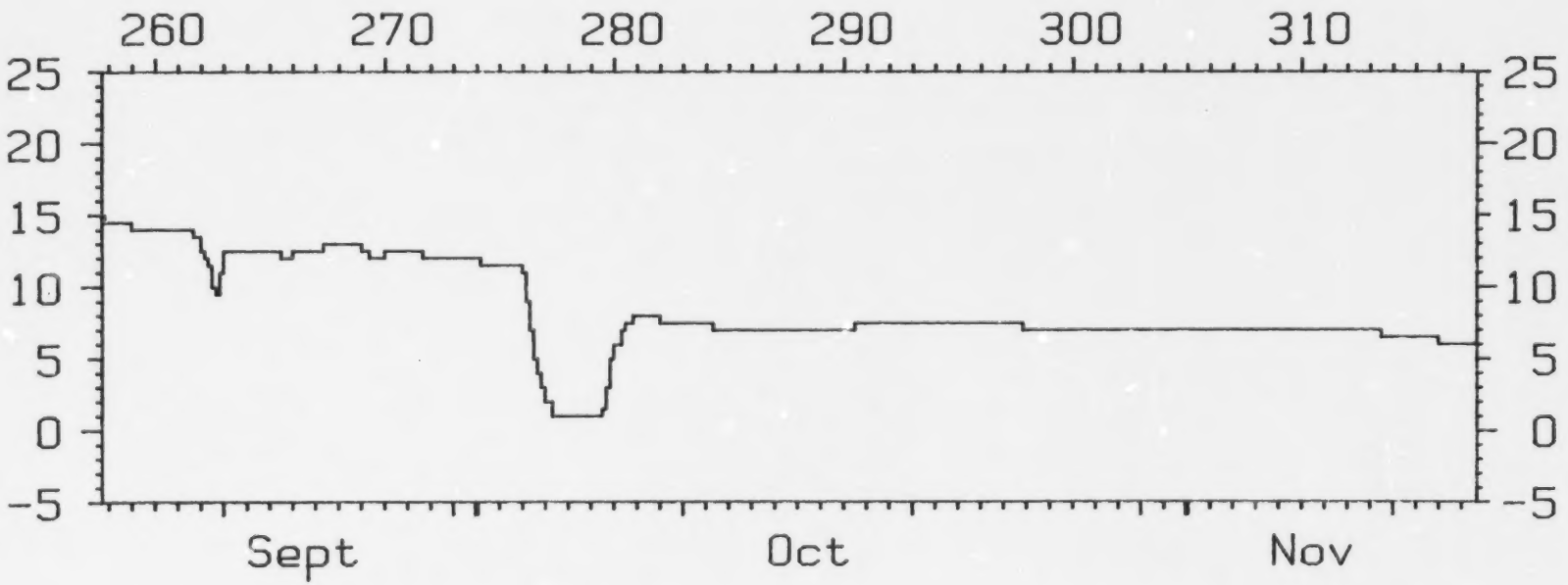


Instrument : 61470

ARNOLDS COVE NFLD. (Page 1)

Pos. : 47.75, 54. Depth : 9 meters

Sept 14, 1982 16:00 GMT to Nov 13, 1982 16:00 GMT



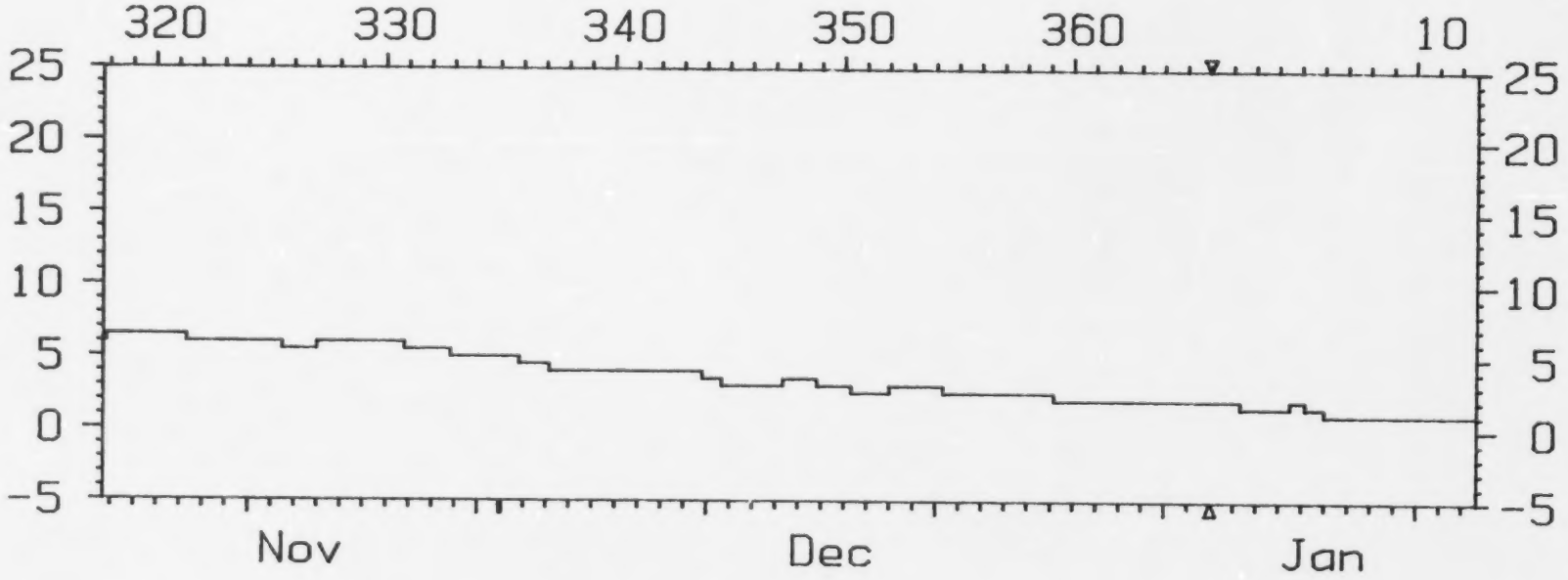
Instrument : 61688

Station 20F

ARNOLDS COVE NFLD. (Page 2)

Pos. : 47.75, 54. Depth : 9 meters

Nov 13, 1982 16:00 GMT to Jan 12, 1983 16:00 GMT

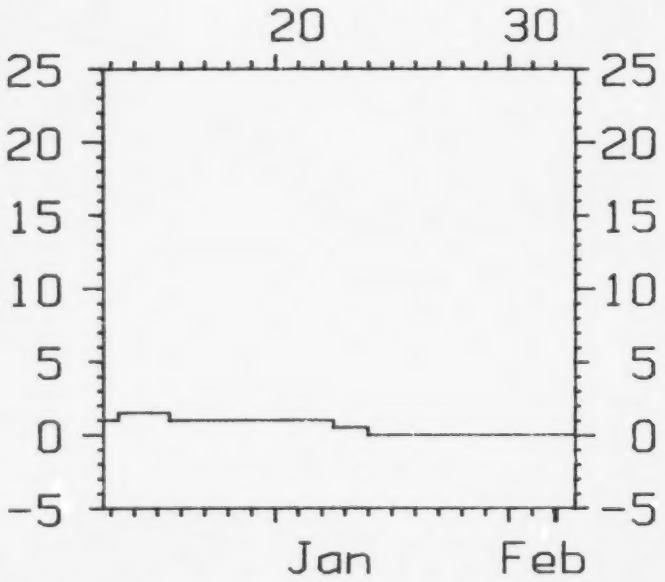


Instrument : 61688

ARNOLDS COVE NFLD. (Page 3)

Pos. : 47.75, 54. Depth : 9 meters

Jan 12, 1983 16:00 GMT to Feb 1, 1983 20:00 GMT

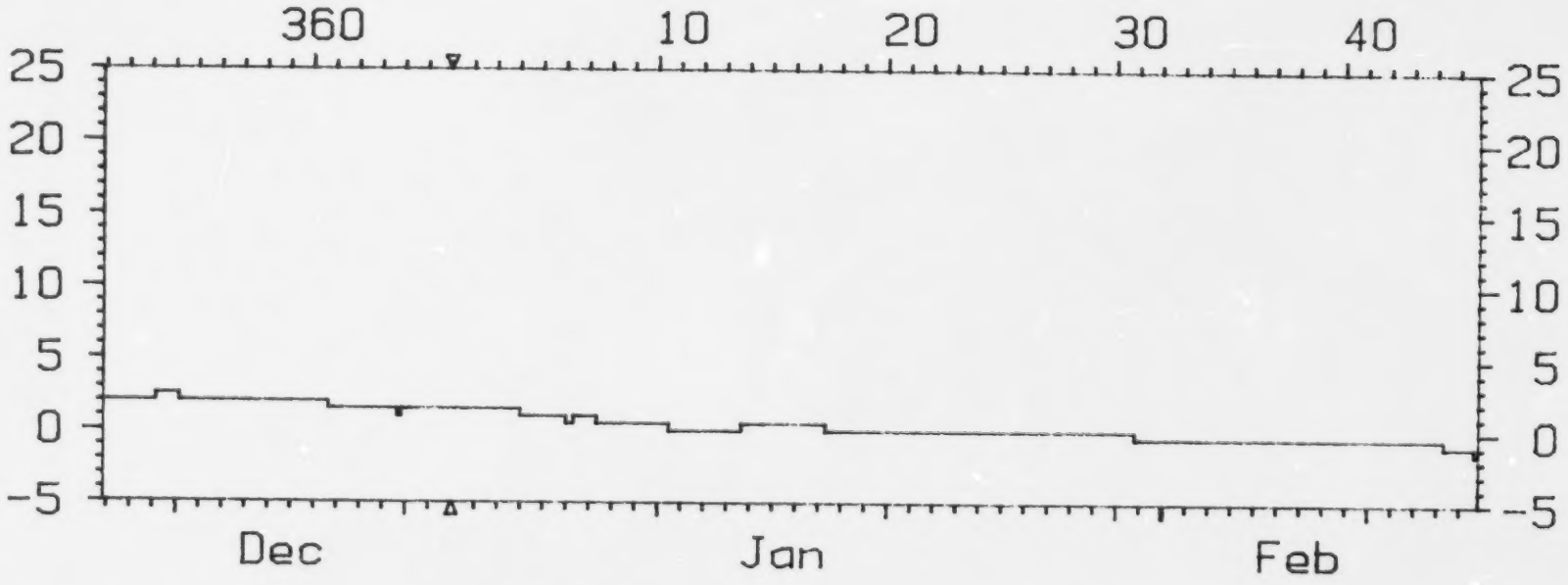


Instrument : 61688

GARDEN COVE NFLD. (Page 1)

Pos. : 47.84, 54.16 Depth : 10 meters

Dec 16, 1982 20:00 GMT to Feb 14, 1983 20:00 GMT



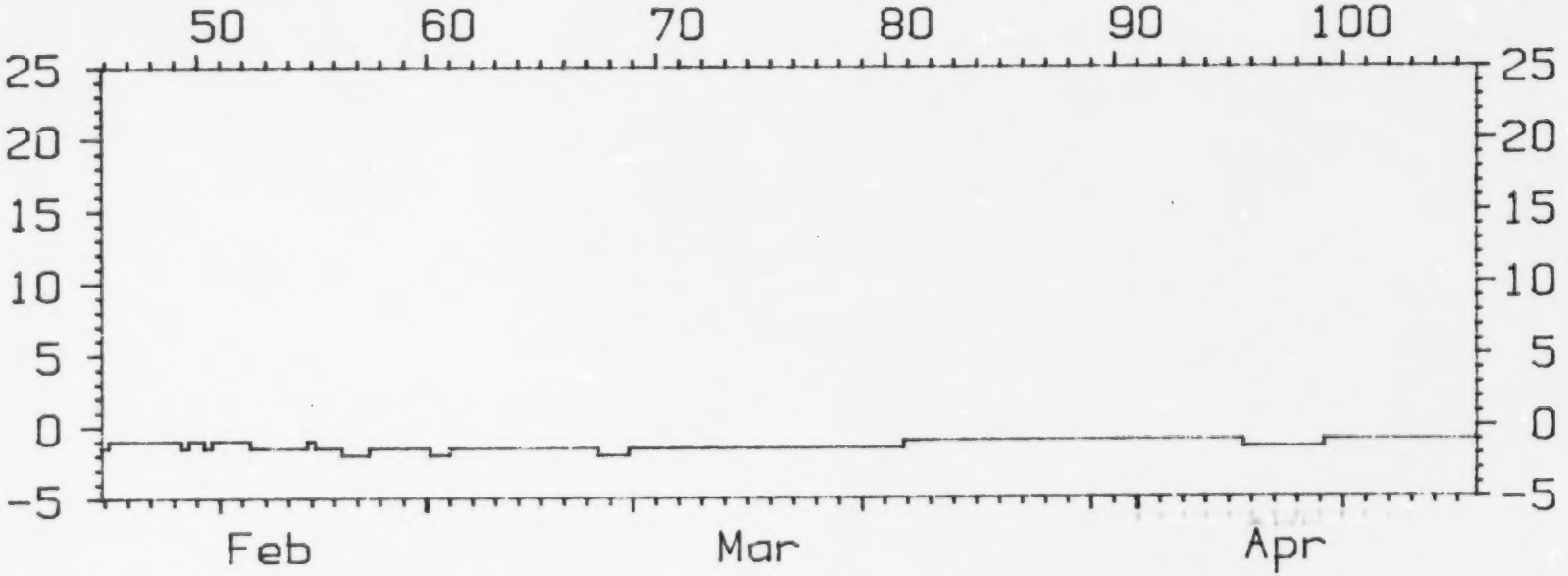
Instrument : 62502

Station 21A

GARDEN COVE NFLD. (Page 2)

Pos. : 47.84, 54.16 Depth : 10 meters

Feb 14, 1983 20:00 GMT to Apr 15, 1983 20:00 GMT

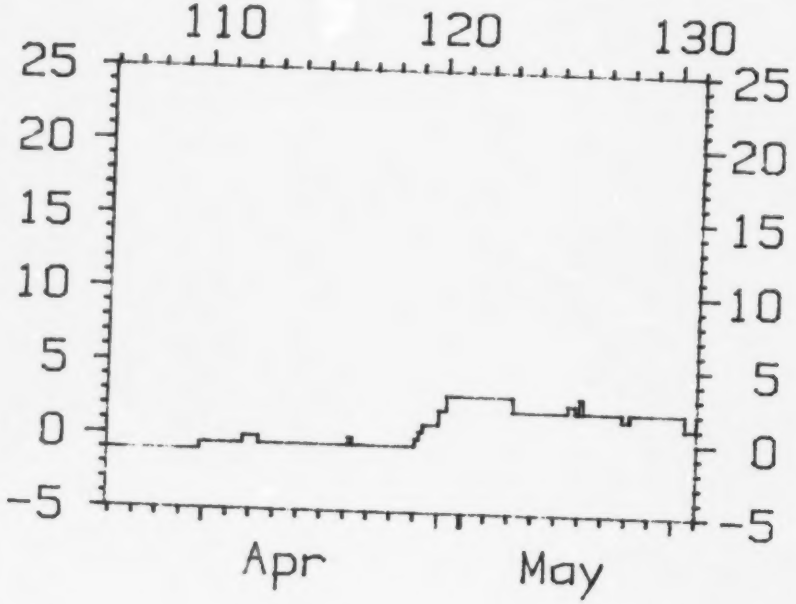


Instrument : 62502

GARDEN COVE NFLD.

Pos. : 47.84, 54.16 Depth : 10 meters

Apr 15, 1983 20:00 GMT to May 11, 1983 00:00 GMT

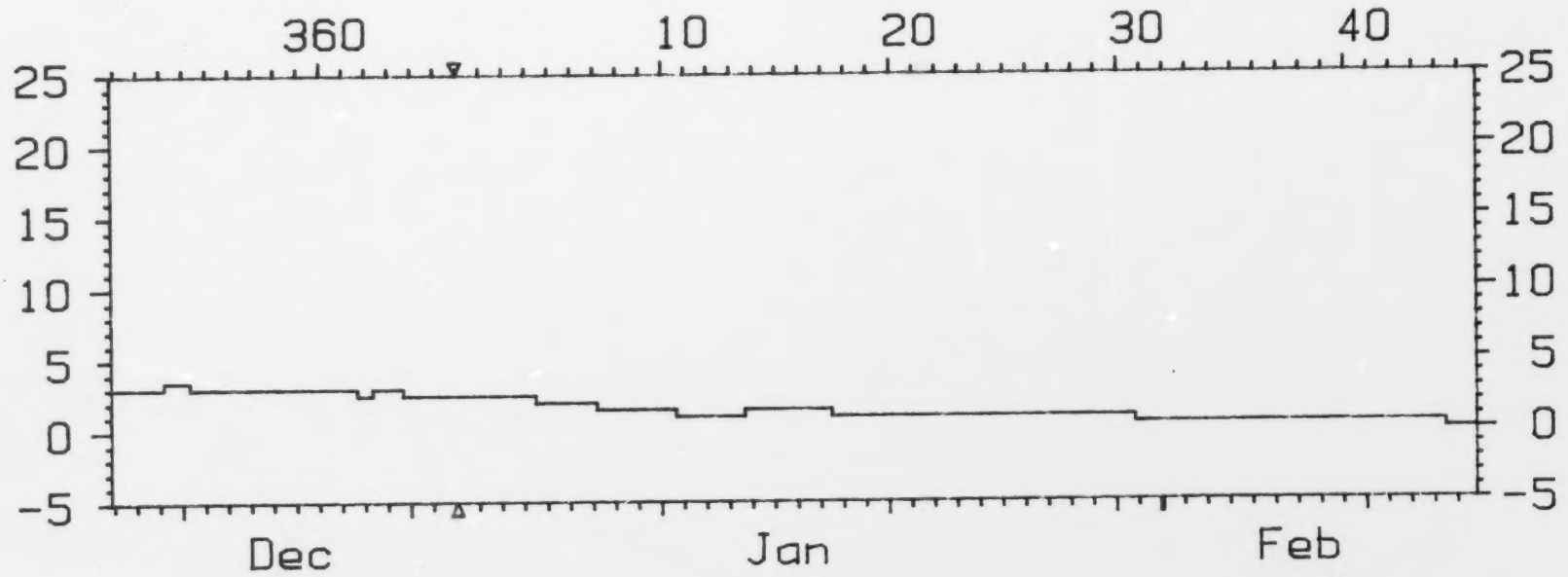


Instrument : 62502

GARDEN COVE NFLD. (Page 1)

Pos. : 47.84, 54.16 Depth : 10 meters

Dec 16, 1982 20:00 GMT to Feb 14, 1983 20:00 GMT



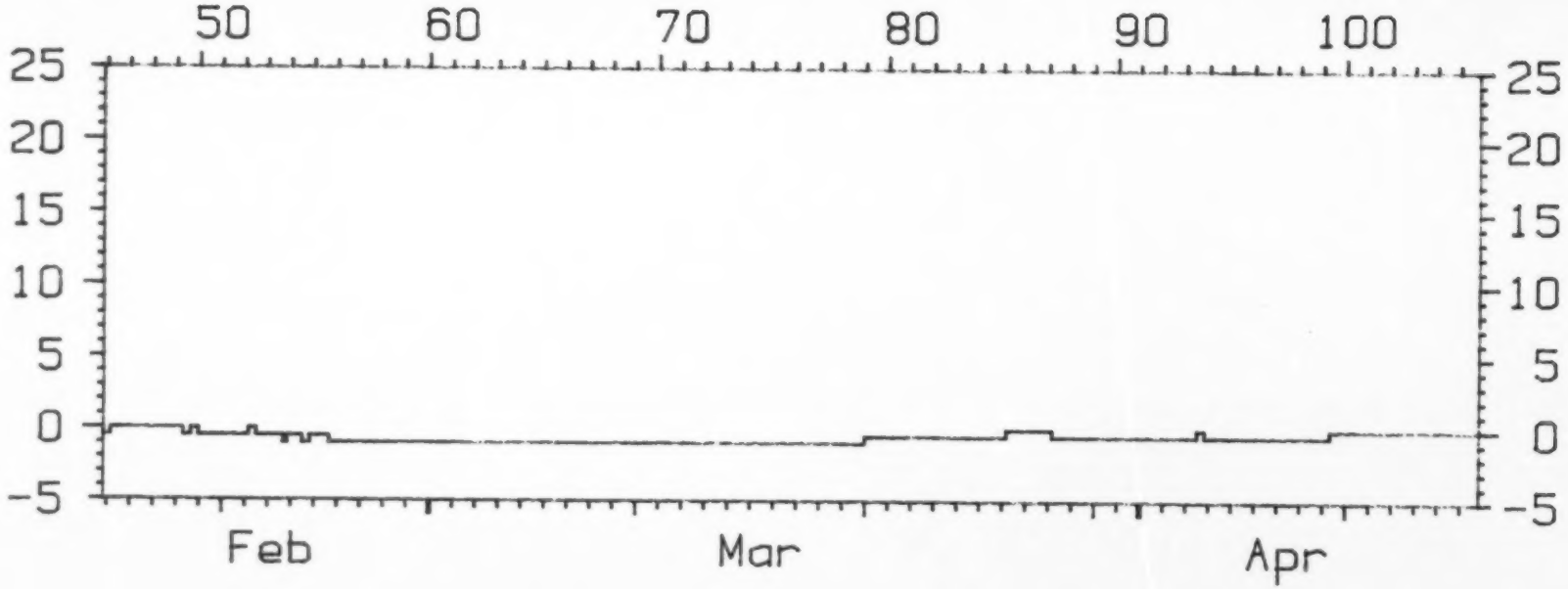
Instrument : 61666

Station 21B

GARDEN COVE NFLD. (Page 2)

Pos. : 47.84, 54.16 Depth : 10 meters

Feb 14, 1983 20:00 GMT to Apr 15, 1983 20:00 GMT

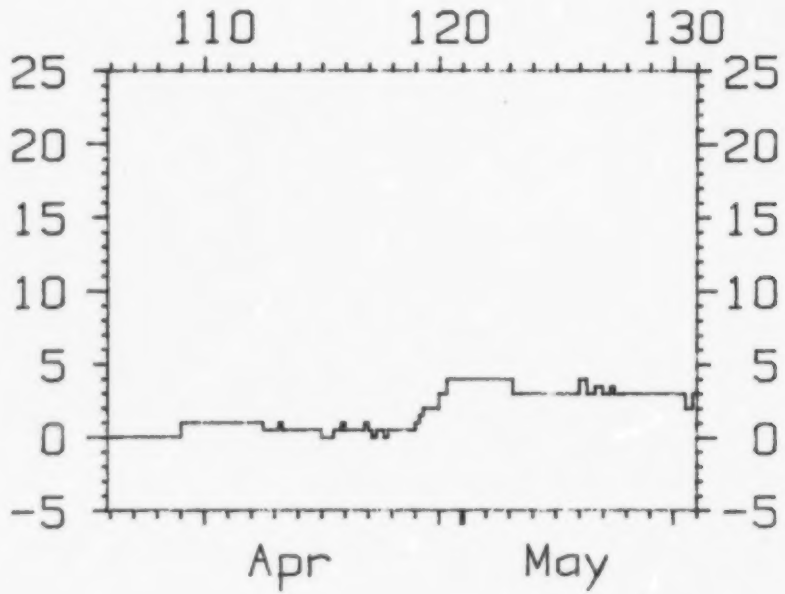


Instrument : 61666

GARDEN COVE NFLD. (Page 3)

Pos. : 47.84, 54.16 Depth : 10 meters

Apr 15, 1983 20:00 GMT to May 11, 1983 00:00 GMT

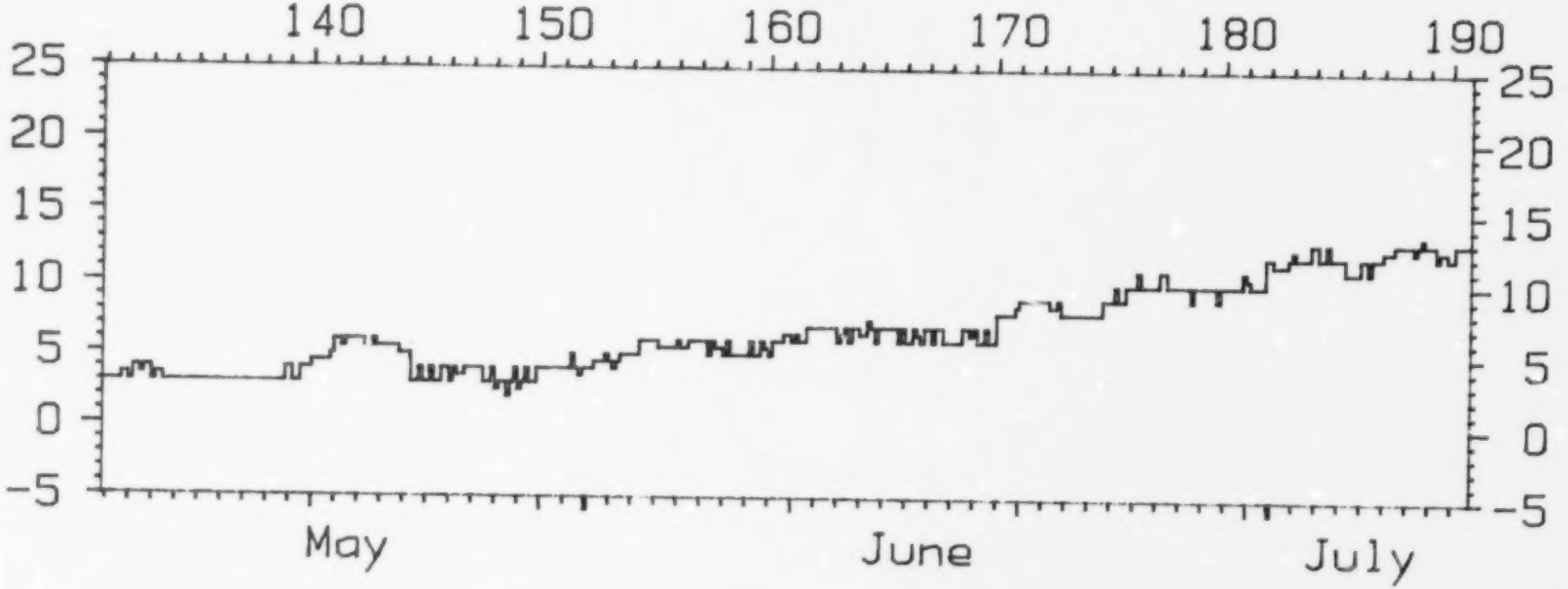


Instrument : 61666

GARDEN COVE NFLD. (Page 1)

Pos. : 47.84, 54.16 Depth : 10 meters

May 10, 1983 20:00 GMT to July 9, 1983 20:00 GMT



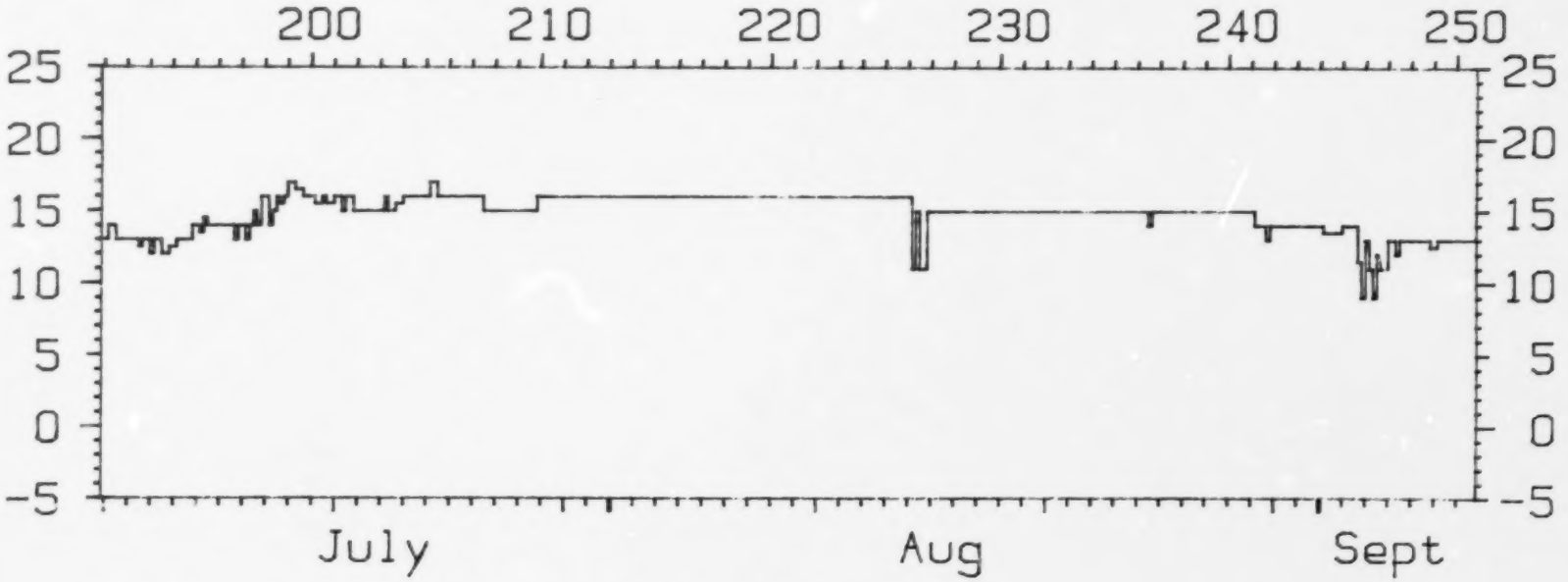
Instrument : 62465

Station 21C

GARDEN COVE NFLD. (Page 2)

Pos. : 47.84, 54.16 Depth : 10 meters

July 9, 1983 20:00 GMT to Sept 7, 1983 20:00 GMT

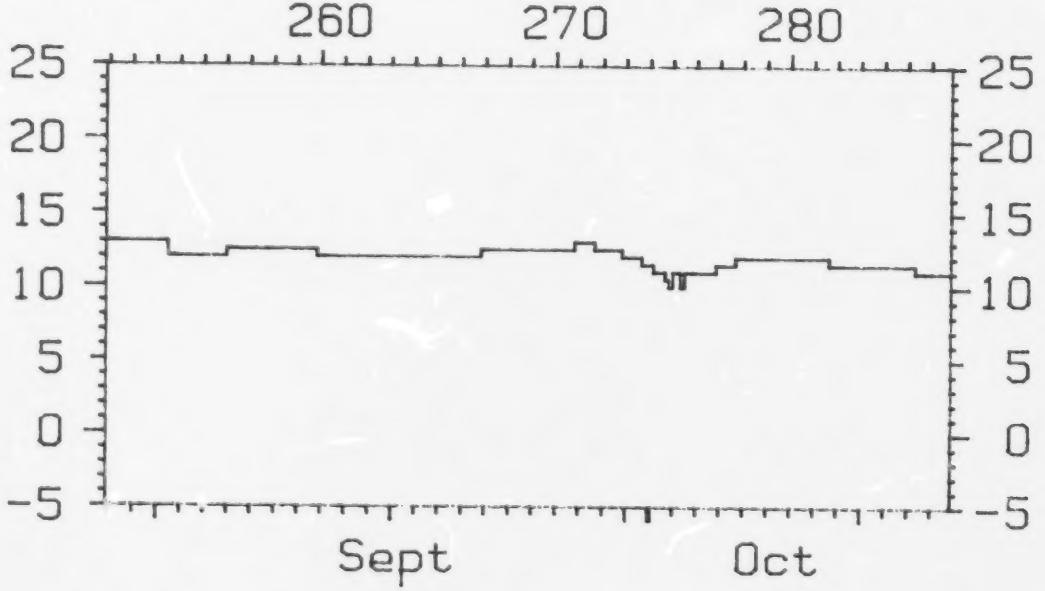


Instrument : 62465

GARDEN COVE NFLD. (Page 3)

Pos. : 47.84, 54.16 Depth : 10 meters

Sept 7, 1983 20:00 GMT to Oct 13, 1983 20:00 GMT

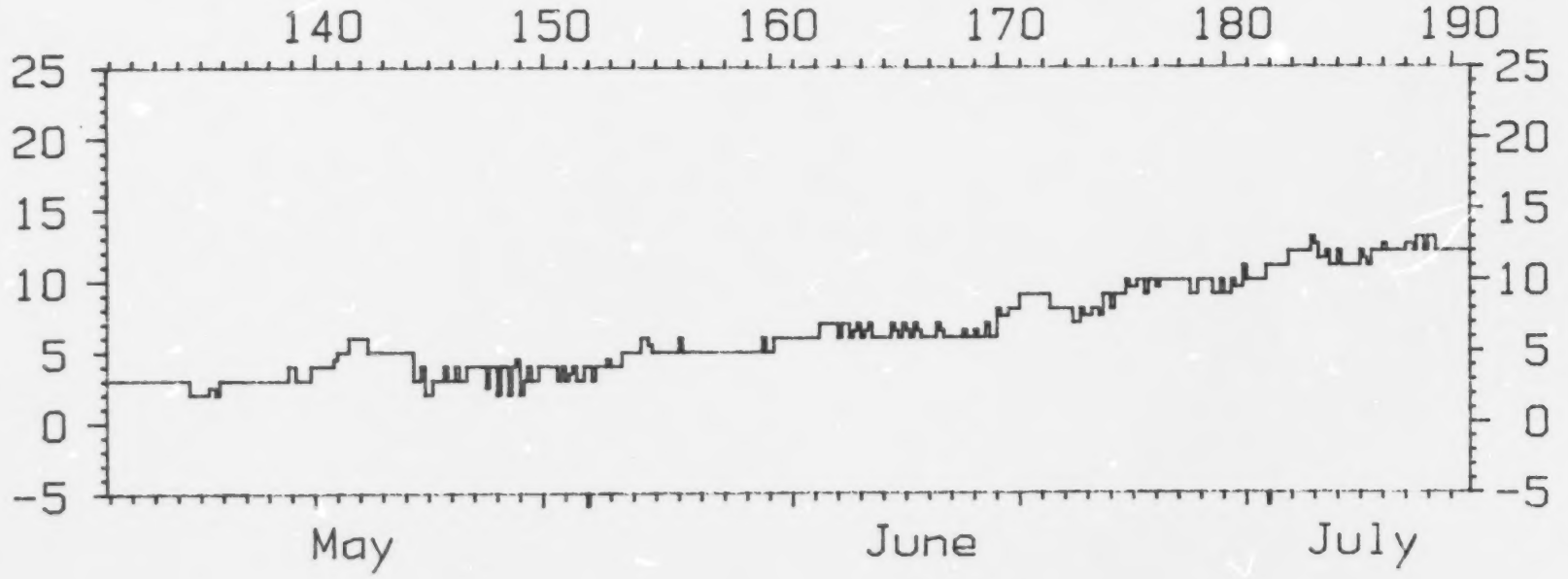


Instrument : 62465

GARDEN COVE NFLD. (Page 1)

Pos. : 47.84, 54.16 Depth : 10 meters

May 10, 1983 20:00 GMT to July 9, 1983 20:00 GMT



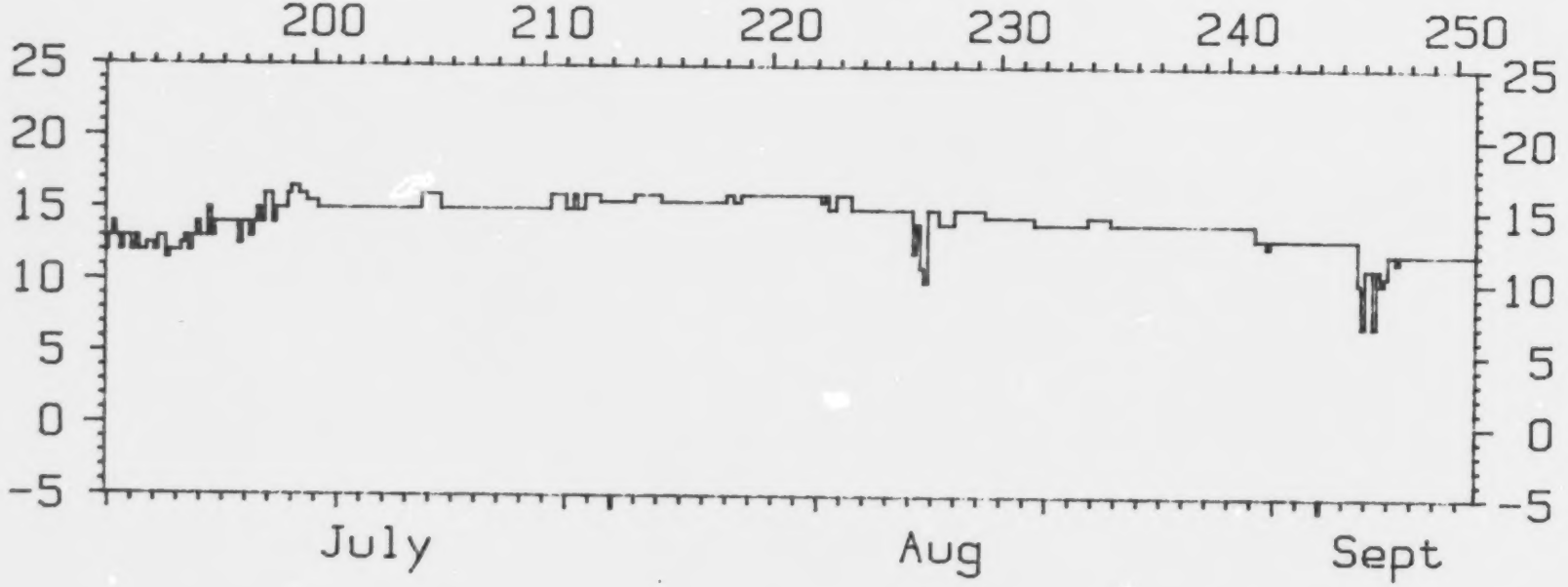
Instrument : 62482

Station 21D

GARDEN COVE NFLD. (Page 2)

Pos. : 47.84, 54.16 Depth : 10 meters

July 9, 1983 20:00 GMT to Sept 7, 1983 20:00 GMT

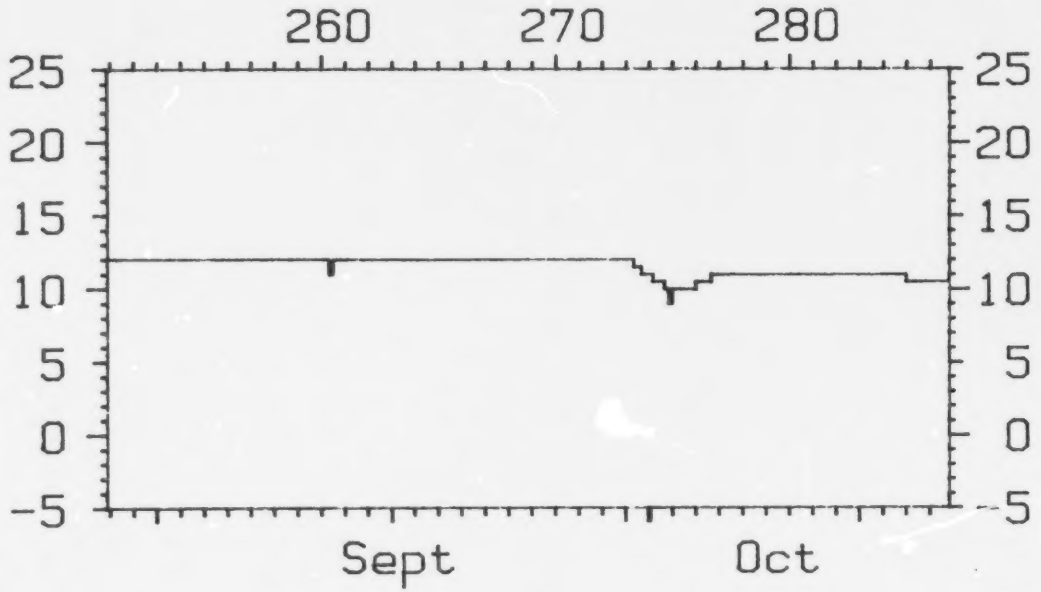


Instrument : 62482

GARDEN COVE NFLD. (Page 3)

Pos. : 47.84, 54.16 Depth : 10 meters

Sept 7, 1983 20:00 GMT to Oct 13, 1983 20:00 GMT

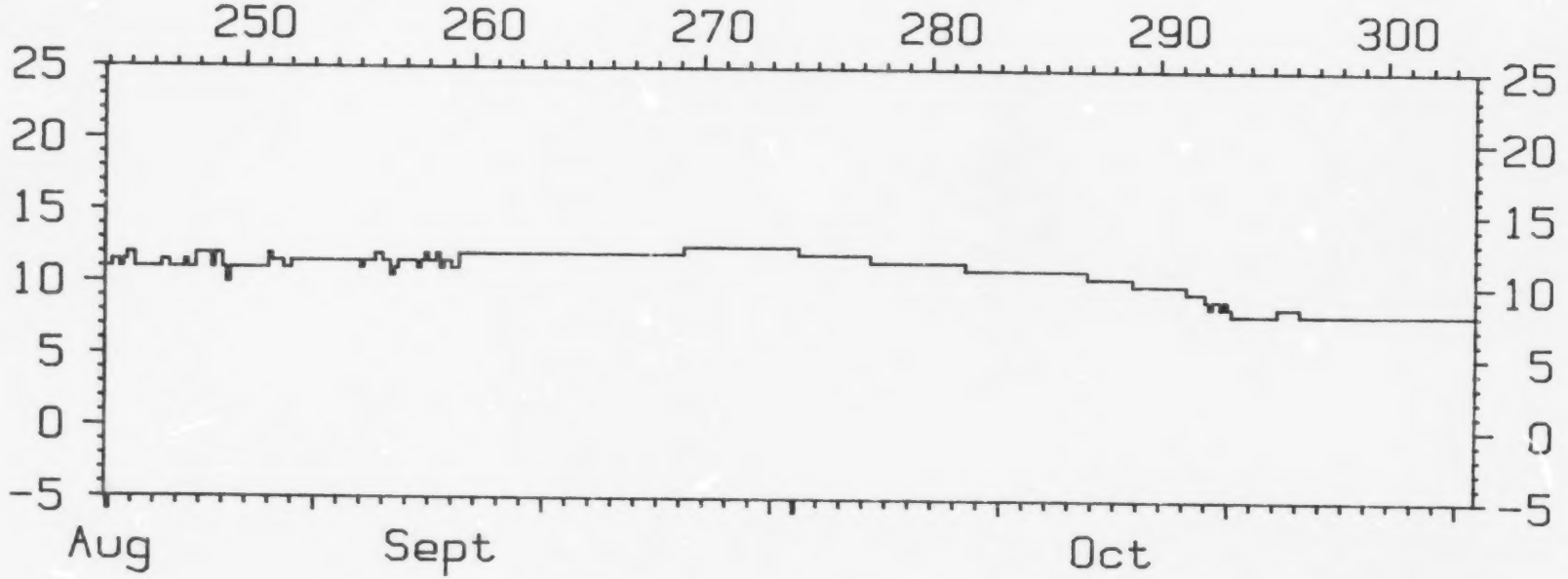


Instrument : 62482

LITTLE BAY MORTIER NFLD. (Page 1)

Pos. : 47.16, 55.11 Depth : 5.5 meters

Aug 31, 1982 20:00 GMT to Oct 30, 1982 20:00 GMT



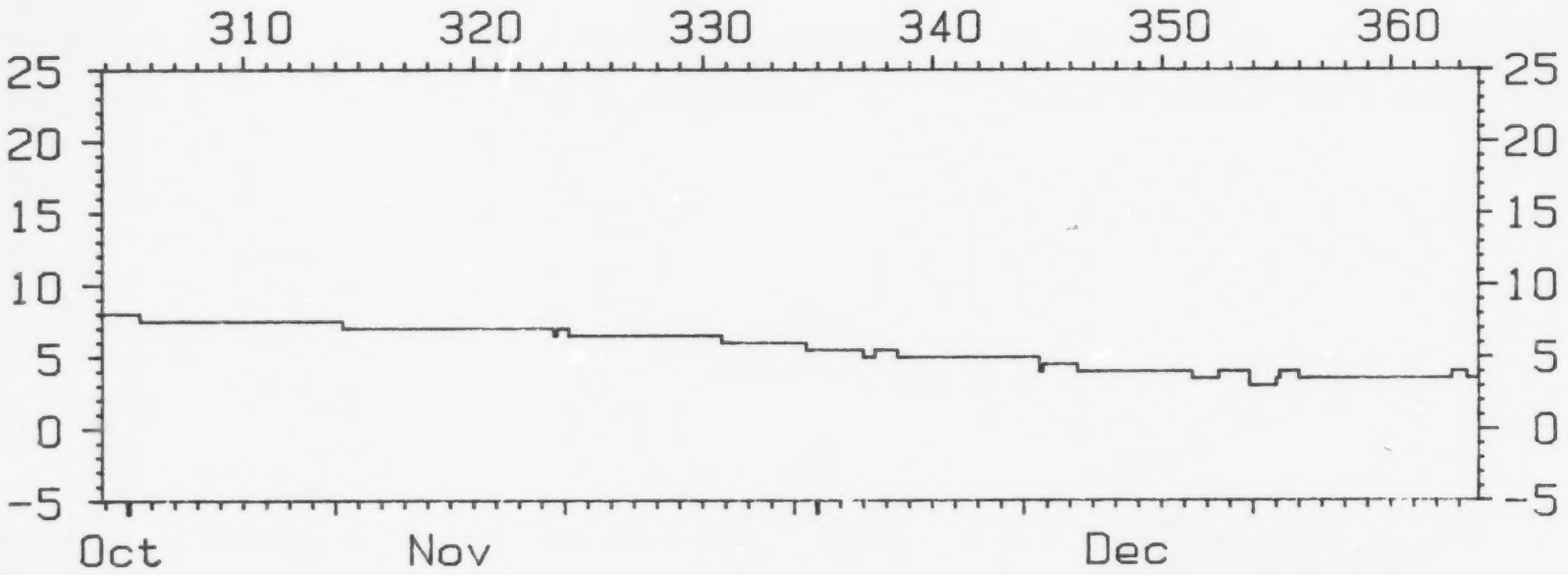
Instrument : 62488

Station 22

LITTLE BAY MORTIER NFLD. (Page 2)

Pos. : 47.16, 55.11 Depth : 5.5 meters

Oct 30, 1982 20:00 GMT to Dec 29, 1982 20:00 GMT



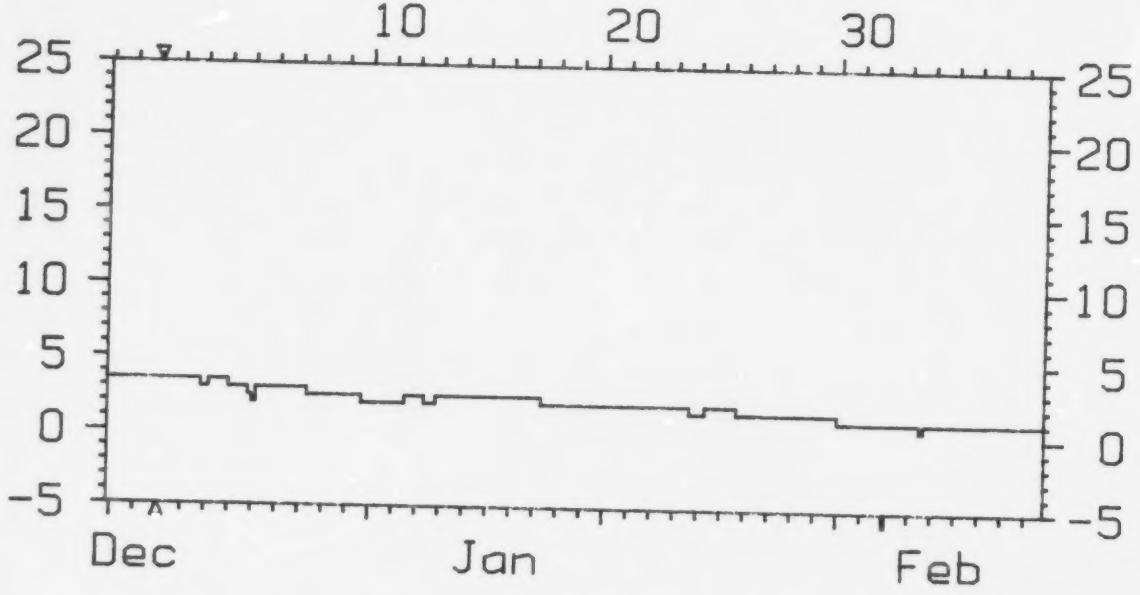
Instrument : 62488

Station 22 (Cont'd)

LITTLE BAY MORTIER NFLD. (Page 3)

Pos. : 47. 16, 55. 11 Depth : 5. 5 meters

Dec 29, 1982 20: 00 GMT to Feb 7, 1983 20: 00 GMT

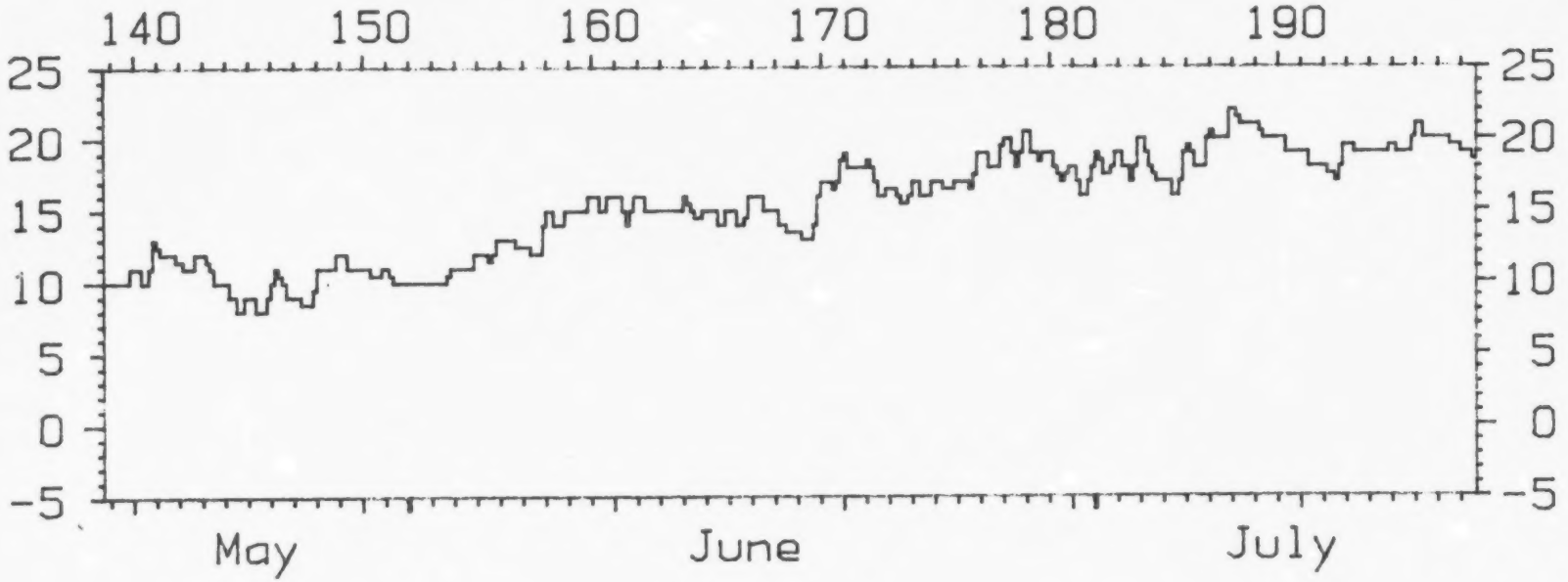


Instrument : 62488

HEADWATER POND NFLD. (Page 1)

Pos. : 48.28, 55.49 Depth : 1 meter

May 18, 1983 16:00 GMT to July 17, 1983 16:00 GMT



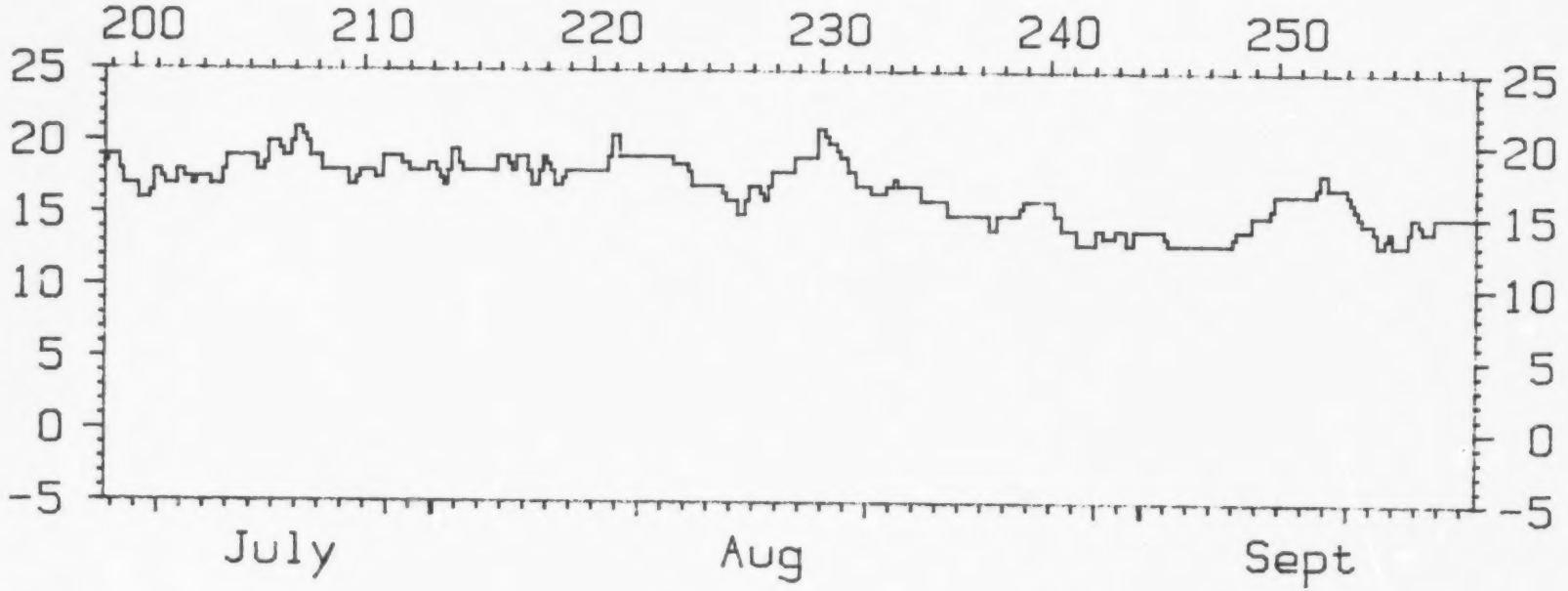
Instrument : 62895

Station 23

HEADWATER POND NFLD. (Page 2)

Pos. : 48.28, 55.49 Depth : 1 meter

July 17, 1983 16:00 GMT to Sept 15, 1983 16:00 GMT

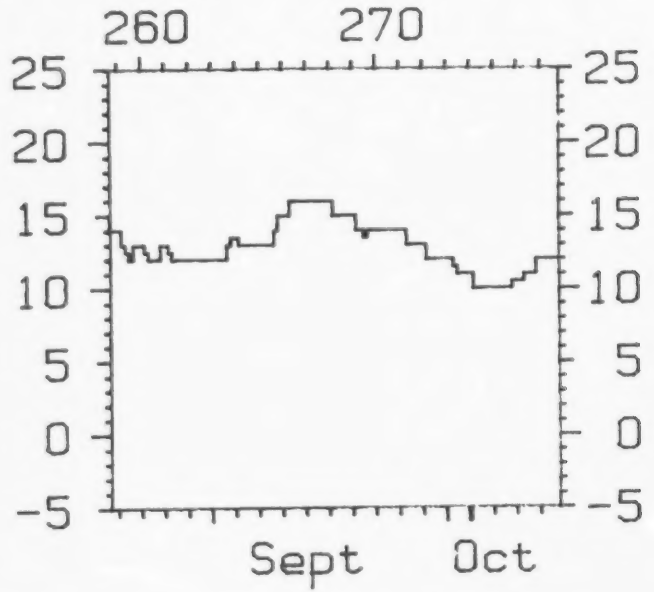


Instrument : 62895

HEADWATER POND NFLD. (Page 3)

Pos. : 48.28, 55.49 Depth : 1 meter

Sept 15, 1983 16:00 GMT to Oct 4, 1983 20:00 GMT

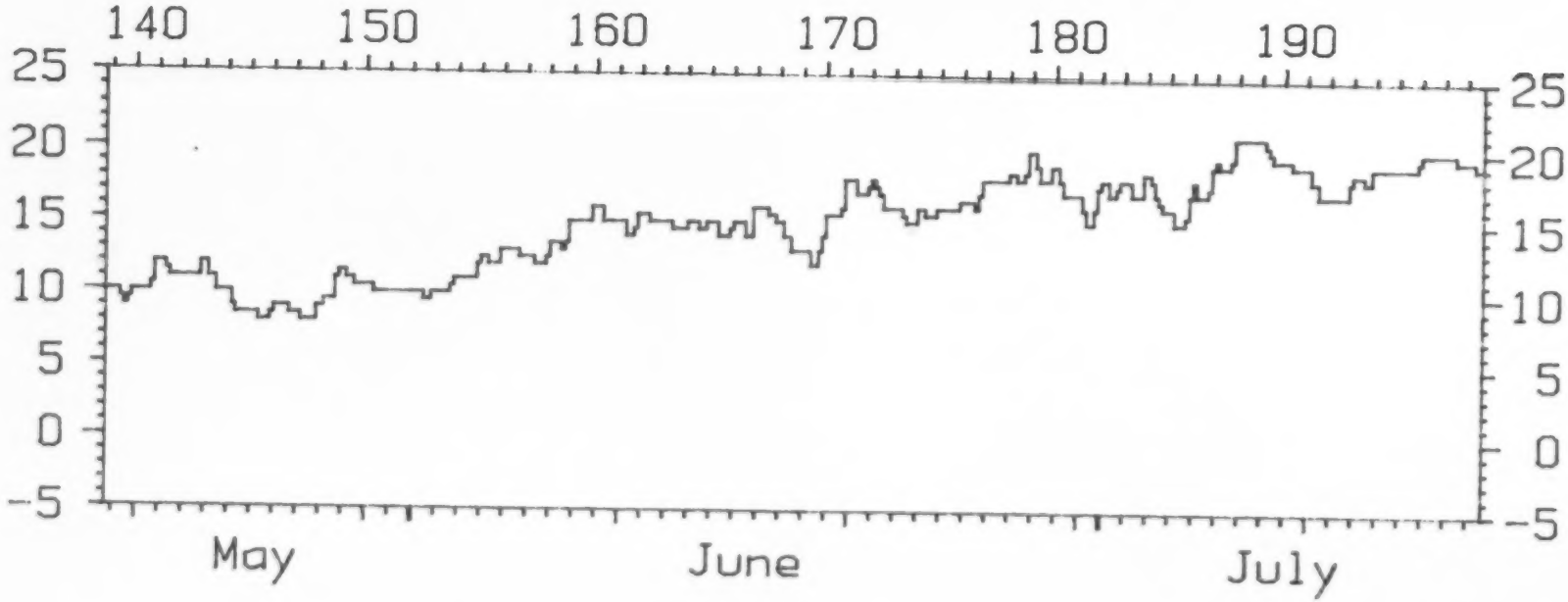


Instrument : 62895

SPRUCE POND NFLD. (Page 1)

Pos. : 48.32, 55.47 Depth : 1 meter

May 18, 1983 16:00 GMT to July 17, 1983 16:00 GMT



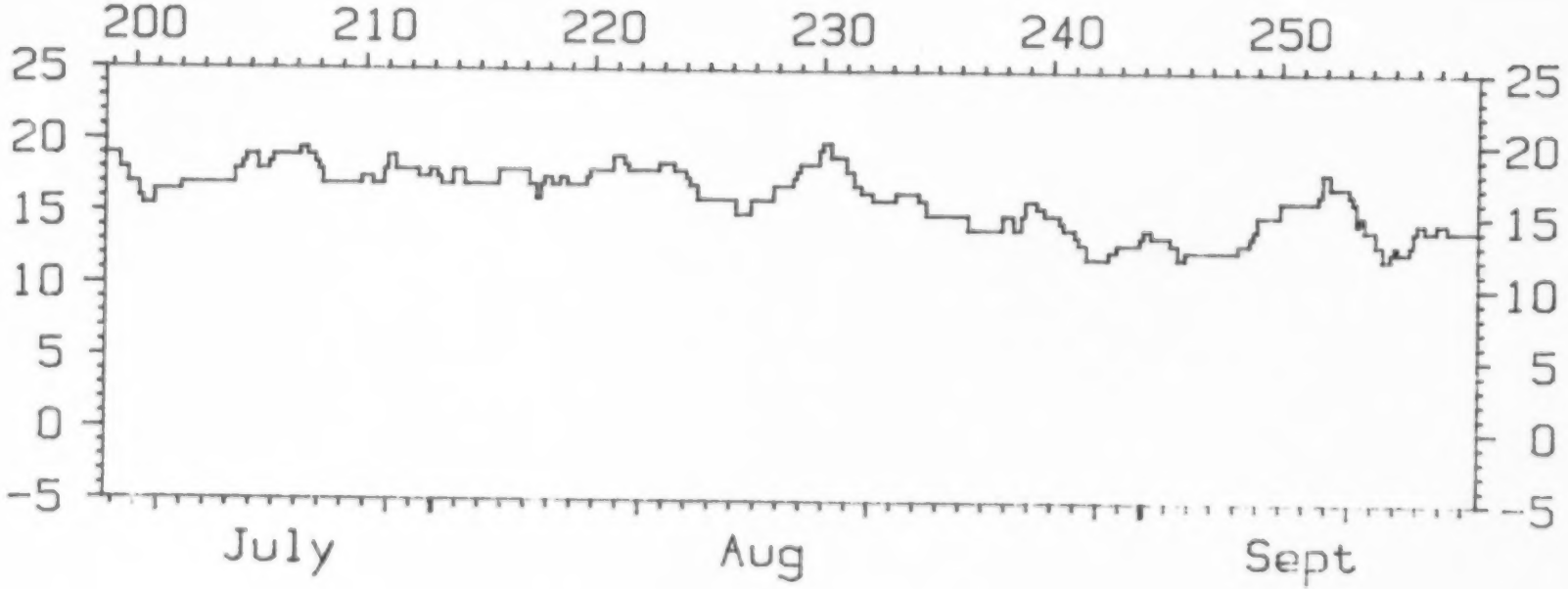
Instrument : 62896

Station 24

SPRUCE POND NFLD. (Page 2)

Pos. : 48.32, 55.47 Depth : 1 meter

July 17, 1983 16:00 GMT to Sept 15, 1983 16:00 GMT

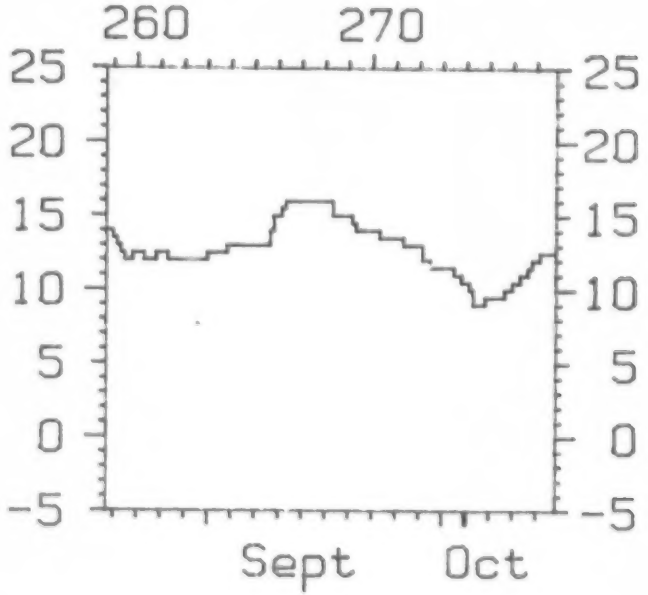


Instrument : 62896

SPRUCE POND NFLD. (Page 3)

Pos. : 48.32, 55.47 Depth : 1 meter

Sept 15, 1983 16:00 GMT to Oct 4, 1983 20:00 GMT



Instrument : 62896

6. Newfoundland Area Mean Temperature/Degree Days

HEBRON LABRADOR

STATION	DEPTH	LATITUDE	LONGITUDE	START
1	-.0	58.1E	62.08	AUG 12, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
224	8.33	8.33	4.33
225	5.58	14.92	8.92
226	9.25	26.17	14.17
227	9.42	35.58	19.58
228	8.75	44.33	24.33
229	9.58	53.92	29.92
230	7.17	61.08	33.08
231	7.17	68.25	36.25
232	7.33	75.58	39.58
233	5.58	81.17	41.17
234	5.50	86.67	42.67
235	5.08	91.75	43.75
236	4.42	96.17	44.83
237	5.17	101.33	46.08
238	4.58	105.92	47.08
239	4.75	110.67	48.17
240	3.75	114.42	48.50
241	4.92	119.33	49.83
242	4.67	124.00	50.83
243	4.25	128.25	51.50

ESTIMATED DEG. DAYS (C) FOR AUG/83 = 198.79

244	5.50	133.75	53.00
245	5.00	138.75	54.00
246	5.75	144.50	55.75
247	4.00	148.50	55.92
248	3.08	151.58	55.92
249	2.75	154.33	55.92
250	2.09	156.42	55.92
251	1.17	157.58	55.92
252	1.08	158.67	55.92
253	2.58	161.25	56.25
254	2.75	164.00	56.42
255	2.92	166.92	56.42
256	2.33	169.25	56.42
257	3.08	172.33	56.58
258	2.67	175.00	56.75
259	3.00	178.00	56.92
260	1.42	179.42	56.92
261	2.58	182.00	57.25
262	2.09	184.09	57.25
263	2.25	186.33	57.25
264	0.83	187.17	57.25
265	2.08	189.25	57.42
266	3.33	192.58	57.67
267	1.75	194.33	57.67
268	1.17	195.50	57.67
269	3.17	198.67	57.83
270	3.33	202.00	58.00

HEBRON LABRADOR ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
1	1.0	58.15	63.09	AUG 12, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
271	2.33	204.33	58.00
272	0.50	205.08	58.00
273	1.25	206.33	58.00
TOTAL DEG. DAYS (0) FOR SEPT/83 =		73.08	
274	2.08	206.75	58.00
275	-1.17	206.75	58.00
276	-0.50	207.15	58.00

WESTPORT WHITE BAY NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
2A	10.0	49.77	56.63	MAY 25, 1983 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
145	2.00	2.00	0.00
146	1.50	3.50	0.00
147	1.50	5.00	0.00
148	1.75	6.75	0.00
149	1.50	8.25	0.00
150	1.50	9.75	0.00
151	2.00	11.75	0.00
152	2.00	13.75	0.00
153	2.00	15.75	0.00
154	2.00	17.75	0.00
155	3.25	21.00	0.00
156	3.25	24.25	0.00
157	2.92	27.17	0.00
158	3.33	30.50	0.17
159	3.33	36.33	2.00
160	3.25	39.58	2.00
161	3.00	42.58	2.00
162	0.83	43.42	2.00
163	0.75	44.17	2.00
164	3.25	47.42	2.17
165	4.75	52.17	3.92
166	3.83	56.00	3.17
167	5.83	61.83	5.00
168	5.83	67.67	6.83
169	6.00	73.67	8.83
170	6.50	80.17	11.33
171	7.00	87.17	14.33
172	4.58	91.75	14.92
173	4.50	96.25	15.42
174	6.42	102.67	17.83
175	7.50	110.17	21.33
176	8.00	118.17	25.33
177	8.00	126.17	29.33
178	7.50	133.67	32.83
179	8.17	141.83	37.00
180	8.83	150.67	41.83
181	7.75	158.42	45.58

TOTAL DEG. DAYS (C) FOR JUNE/83 = 146.67

182	6.42	164.83	48.00
183	6.00	170.83	50.00
184	4.42	175.25	50.42
185	5.08	180.33	51.50
186	8.58	188.92	56.08
187	9.08	198.00	61.17
188	10.08	208.08	67.25
189	7.42	215.50	70.67
190	8.00	223.50	74.67
191	8.75	232.25	79.42

WESTPORT WHITE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
24	10.0	49.77	54.43	MAY 25, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
192	9.17	241.42	94.59
193	9.92	251.33	90.50
194	9.17	260.50	95.67
195	10.00	270.50	101.67
196	10.00	280.50	107.67
197	10.00	290.50	113.67
198	10.00	300.50	119.67
199	10.75	311.25	126.42
200	11.00	322.25	133.42
201	11.00	333.25	140.42
202	10.25	343.50	146.67
203	9.50	353.00	152.17
204	8.58	361.58	156.75
205	8.00	369.58	160.75
206	10.50	380.08	167.25
207	11.00	391.08	174.25
208	10.83	401.92	181.08
209	11.67	413.58	188.75
210	11.83	425.42	196.58
211	11.58	437.00	204.17
212	12.25	449.25	212.42

TOTAL DEG. DAYS (C) FOR JULY/83 = 290.83

213	11.17	460.42	219.58
214	11.08	471.50	226.67
215	6.00	477.50	229.67
216	7.42	484.92	232.09
217	10.42	495.33	238.50
218	11.75	507.08	246.25
219	10.17	517.25	252.42
220	9.75	527.00	258.17
221	9.75	536.75	263.92
222	7.50	544.25	267.42
223	8.00	552.25	271.42
224	9.83	562.08	277.25
225	10.00	572.08	283.25
226	10.33	582.42	289.58
227	11.00	593.42	296.58
228	10.58	604.00	303.17
229	10.75	614.75	309.92
230	11.33	626.08	317.25
231	11.00	637.08	324.25
232	10.75	647.83	331.00
233	11.00	658.83	338.00
234	11.00	669.83	345.00
235	11.00	680.83	352.00
236	11.00	691.83	359.00
237	11.08	702.92	366.08
238	11.50	714.42	373.58

WESTPORT WHITE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
2A	10.0	49.77	56.63	MAY 25, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
239	11.08	725.50	380.67
240	10.50	735.00	387.17
241	10.00	745.00	393.17
242	10.25	755.25	399.42
243	10.50	765.75	405.92
TOTAL	DEG. DAYS (C) FOR AUG/83 =	317.50	
244	10.50	777.25	412.42
245	10.50	787.75	418.92
246	10.50	798.25	425.42
247	10.67	808.92	432.08
248	11.17	820.08	439.25
249	11.50	831.58	446.75
250	11.00	842.58	453.75
251	11.50	854.08	461.25
252	12.00	866.08	469.25
253	12.00	878.08	477.25
254	11.67	889.75	484.92
255	11.50	901.25	492.42
256	11.17	912.42	499.59
257	10.83	923.25	506.42
258	8.58	931.83	511.00
259	9.00	940.83	516.00
260	10.17	951.00	522.17
261	10.50	961.50	528.67
262	10.50	972.00	535.17
263	10.50	982.50	541.67
264	10.00	992.50	547.67
265	10.25	1002.75	553.92
266	11.00	1013.75	560.92
267	9.83	1023.58	566.75
268	8.83	1032.42	571.58
269	8.92	1041.33	576.50
270	10.00	1051.33	582.50
271	7.92	1059.25	586.42
272	7.00	1066.25	589.42
273	7.83	1074.08	593.25
TOTAL	DEG. DAYS (C) FOR SEPT/83 =	307.33	
274	8.83	1082.92	598.08
275	9.00	1091.92	603.08
276	9.33	1101.25	608.42
277	9.50	1110.75	613.92
278	9.08	1119.83	619.00
279	9.00	1128.83	624.00
280	9.00	1137.83	629.00
281	9.00	1146.83	634.00
282	9.00	1155.83	639.00

WESTPORT WHITE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
24	10.0	49.77	56.63	MAY 25, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
283	8.25	1164.08	643.25
284	8.00	1172.08	647.25
285	8.00	1180.08	651.25
286	8.00	1188.08	655.25
287	7.42	1195.50	658.67
288	7.00	1202.50	661.67
289	7.50	1210.00	665.17
290	7.00	1217.00	668.17
291	7.00	1224.00	671.17
292	7.00	1231.00	674.17
293	7.00	1238.00	677.17

ESTIMATED DEG. DAYS (C) FOR OCT/83 = 254.07

WESTPORT WHITE BAY NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
2C	1.0	49.77	56.63	OCT 17, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
290	8.25	8.25	4.25
291	7.58	15.83	7.83
292	7.50	23.33	11.33
293	7.50	30.83	14.83
294	7.08	37.92	17.92
295	7.00	44.92	20.92
296	6.67	51.58	23.58
297	6.33	57.92	25.92
298	6.00	63.92	27.92
299	6.00	69.92	29.92
300	6.00	75.92	31.92
301	6.00	81.92	33.92
302	6.00	87.92	35.92
303	6.00	93.92	37.92
304	5.75	99.67	39.67

ESTIMATED DEG. DAYS (C) FOR OCT/83 = 205.98

305	5.50	105.17	41.17
306	5.17	110.33	42.33
307	5.00	115.33	43.33
308	4.42	119.75	43.75
309	4.17	123.92	43.92
310	4.50	128.42	44.42
311	4.50	132.92	44.92
312	4.50	137.42	45.42
313	4.50	141.92	45.92
314	4.08	146.00	46.00
315	4.00	150.00	46.00
316	4.00	154.00	46.00
317	4.00	158.00	46.00
318	4.00	162.00	46.00
319	3.67	165.67	46.00
320	3.33	169.00	46.00
321	3.00	172.00	46.00
322	3.00	175.00	46.00
323	3.00	178.00	46.00
324	3.00	181.00	46.00
325	3.00	184.00	46.00
326	3.17	187.17	46.00
327	3.33	190.50	46.00
328	3.25	193.75	46.00
329	2.92	196.67	46.00
330	2.33	199.00	46.00
331	2.50	201.50	46.00
332	2.17	203.67	46.00
333	2.00	205.67	46.00
334	2.42	208.08	46.00

TOTAL DEG. DAYS (C) FOR NOV/83 = 108.42

WESTPORT WHITE BAY NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
2C	1.0	49.77	54.43	OCT 17, 1983 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
335	2.50	210.58	46.00
336	2.50	213.08	46.00
337	2.08	215.17	46.00
338	2.00	217.17	46.00
339	2.00	219.17	46.00
340	2.00	221.17	46.00
341	2.00	223.17	46.00
342	2.00	225.17	46.00
343	2.00	227.17	46.00
344	2.00	229.17	46.00
345	2.00	231.17	46.00
346	1.92	233.08	46.00
347	1.50	234.58	46.00
348	1.25	235.83	46.00
349	1.00	236.83	46.00
350	1.00	237.83	46.00
351	1.00	238.83	46.00
352	1.00	239.83	46.00
353	0.92	240.75	46.00
354	0.50	241.25	46.00
355	0.00	241.25	46.00
356	0.00	241.25	46.00
357	0.00	241.25	46.00
358	0.00	241.25	46.00
359	0.00	241.25	46.00
360	-0.17	241.25	46.00
361	-0.42	241.25	46.00
362	0.00	241.25	46.00

ESTIMATED DEG. DAYS (0) FOR DEC/83 = 36.72

WESTPORT WHITE BAY MELD

STATION	DEPTH	LATITUDE	LONGITUDE	START
20	10.0	49.77	56.63	OCT 20, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
293	7.00	7.00	3.00
294	6.75	13.75	5.75
295	6.08	19.83	7.83
296	6.00	25.83	9.83
297	6.00	31.83	11.83
298	5.92	37.75	13.75
299	5.50	43.25	15.25
300	5.50	48.75	16.75
301	5.50	54.25	18.25
302	5.50	59.75	19.75
303	5.17	64.92	20.92
304	5.00	69.92	21.92

ESTIMATED DEG. DAYS (0) FOR OCT/83 = 180.62

305	5.00	74.92	22.92
306	4.58	79.50	23.50
307	4.17	83.67	23.67
308	2.92	86.58	23.67
309	2.75	89.33	23.67
310	3.00	92.33	23.67
311	3.00	95.33	23.67
312	3.00	98.33	23.67
313	3.00	101.33	23.67
314	3.00	104.33	23.67
315	3.00	107.33	23.67
316	3.00	110.33	23.67
317	3.00	113.33	23.67
318	3.00	116.33	23.67
319	3.00	119.33	23.67
320	2.42	121.75	23.67
321	2.00	123.75	23.67
322	2.00	125.75	23.67
323	2.00	127.75	23.67
324	2.00	129.75	23.67
325	2.00	131.75	23.67
326	2.00	133.75	23.67
327	2.00	135.75	23.67
328	2.00	137.75	23.67
329	2.00	139.75	23.67
330	2.00	141.75	23.67
331	2.00	143.75	23.67
332	2.00	145.75	23.67
333	1.67	147.42	23.67
334	1.50	148.92	23.67

TOTAL DEG. DAYS (0) FOR NOV/83 = 79.00

335	1.50	150.42	23.67
336	1.50	151.92	23.67

WESTPORT WHITE BAY NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
20	10.0	48.77	56.83	OCT 20, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
337	1.08	153.00	23.67
338	1.00	154.00	23.67
339	1.00	155.00	23.67
340	1.00	156.00	23.67
341	1.00	157.00	23.67
342	1.00	158.00	23.67
343	1.00	159.00	23.67
344	1.00	160.00	23.67
345	0.92	160.92	23.67
346	0.50	161.42	23.67
347	0.00	161.42	23.67
348	0.00	161.42	23.67
349	0.00	161.42	23.67
350	0.00	161.42	23.67
351	0.00	161.42	23.67
352	0.00	161.42	23.67
353	-0.33	161.42	23.67
354	-0.83	161.42	23.67
355	-1.00	161.42	23.67
356	-1.00	161.42	23.67
357	-1.00	161.42	23.67
358	-1.42	161.42	23.67
359	-1.50	161.42	23.67
360	-1.67	161.42	23.67
361	-2.00	161.42	23.67

ESTIMATED DEG. DAYS (C) FOR DEC/83 = 14.35

HARRYS HARBOUR NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
3A	1.0	49.70	55.93	JUNE 8, 1983 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
159	2.00	2.00	0.00
160	2.25	4.25	0.00
161	2.25	6.50	0.00
162	2.92	9.42	0.00
163	3.58	13.00	0.00
164	4.42	17.42	0.42
165	4.92	22.33	1.33
166	5.00	27.33	2.33
167	5.00	32.33	3.33
168	5.00	37.33	4.33
169	5.50	42.83	5.83
170	5.67	48.50	7.50
171	6.08	54.58	9.58
172	6.50	61.08	12.08
173	6.92	68.00	15.00
174	7.25	75.25	18.25
175	6.92	82.17	21.17
176	6.92	89.08	24.08
177	7.83	96.92	27.92
178	8.67	105.58	32.58
179	7.33	112.92	35.92
180	3.67	116.58	34.50
181	3.92	120.50	36.50

ESTIMATED DEG. DAYS (C) FOR JUNE/83 = 157.17

182	5.00	125.50	37.50
183	5.25	130.75	38.75
184	6.67	137.42	41.42
185	7.00	144.42	44.42
186	7.00	151.42	47.42
187	8.00	159.42	51.42
188	8.33	167.75	55.75
189	8.75	176.50	60.50
190	9.08	185.58	65.58
191	8.67	194.25	70.25
192	9.00	203.25	75.25
193	9.58	212.83	80.83
194	10.00	222.83	86.83
195	10.67	233.50	93.50
196	11.33	244.83	100.83
197	12.00	256.83	108.83
198	12.00	268.83	116.83
199	9.42	278.25	122.25
200	8.75	287.00	127.00
201	9.17	296.17	132.17
202	9.17	305.33	137.33
203	9.50	314.83	142.83
204	10.50	325.33	149.33
205	10.83	336.17	156.17

HARRYS HARBOUR NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE		START
34	1.0	49.70	55.93	JUNE 8, 1983	14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
206	11.33	347.50	193.50
207	11.50	359.00	171.00
208	11.50	370.50	178.50
209	11.92	382.42	184.42
210	12.00	394.42	194.42
211	12.17	406.58	202.58
212	12.00	418.58	210.58
TOTAL	DEG. DAYS (C) FOR JULY/83 =	298.08	
213	12.00	430.58	218.58
214	11.42	442.00	226.00
215	11.17	453.17	233.17
216	11.00	464.17	240.17
217	11.17	475.33	247.33
218	9.67	485.00	253.00
219	10.08	495.08	259.08
220	11.42	506.50	266.50
221	11.00	517.50	273.50
222	11.58	529.08	281.08
223	12.00	541.08	289.08
224	12.00	553.08	297.08
225	12.33	565.42	305.42
226	12.33	577.75	313.75
227	12.00	589.75	321.75
228	12.00	601.75	329.75
229	12.25	614.00	338.00
230	13.00	627.00	347.00
231	13.00	640.00	356.00
232	13.00	653.00	365.00
233	13.00	666.00	374.00
234	13.00	679.00	383.00
235	13.00	692.00	392.00
236	13.00	705.00	401.00
237	12.50	717.50	409.50
238	12.00	729.50	417.50
239	12.00	741.50	425.50
240	12.00	753.50	433.50
241	12.00	765.50	441.50
242	12.00	777.50	449.50
243	12.00	789.50	457.50
TOTAL	DEG. DAYS (C) FOR AUG/83 =	370.92	
244	12.00	801.50	465.50
245	12.00	813.50	473.50
246	12.00	825.50	481.50
247	12.00	837.50	489.50
248	12.00	849.50	497.50
249	12.00	861.50	505.50

HARRYS HARBOUR NFLD ... CONTINUED

STATION 34 DEPTH 1.0 LATITUDE 49.70 LONGITUDE 55.93 START JUNE 8, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
250	12.00	873.50	513.50
251	11.75	885.25	521.25
252	11.92	897.17	529.17
253	12.00	909.17	537.17
254	11.92	921.08	545.08
255	10.75	931.83	551.83
256	10.50	942.33	558.33
257	10.50	952.83	564.83
258	10.50	963.33	571.33
259	10.50	973.83	577.83
260	10.75	984.58	584.58
261	11.00	995.58	591.58
262	11.00	1006.58	598.58
263	10.33	1016.92	604.92
264	10.42	1027.33	611.33
265	10.83	1038.17	618.17
266	10.58	1048.75	624.75
267	10.50	1059.25	631.25
268	10.50	1069.75	637.75
269	10.50	1080.25	644.25
270	10.50	1090.75	650.75
271	10.50	1101.25	657.25
272	10.42	1111.67	663.67
273	10.00	1121.67	669.67

TOTAL DEG. DAYS (C) FOR SEPT/83 = 332.17

274	10.00	1131.67	675.67
275	10.00	1141.67	681.67
276	10.00	1151.67	687.67

HARRYS HARBOUR NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
38	10.0	49.70	55.93	JUNE 9, 1953 04:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
160	2.10	2.10	0.00
161	2.50	4.60	0.00
162	2.50	7.10	0.00
163	2.33	9.43	0.00
164	2.00	11.43	0.00
165	2.00	13.43	0.00
166	3.00	16.43	0.00
167	3.25	19.68	0.00
168	5.00	24.68	1.00
169	5.00	29.68	2.00
170	5.00	34.68	3.00
171	2.92	37.60	3.00
172	4.33	41.93	3.67
173	5.67	47.60	5.33
174	5.50	53.10	6.33
175	4.00	57.10	7.17
176	4.42	61.52	7.67
177	4.92	66.43	8.58
178	5.33	71.77	9.92
179	3.08	74.85	9.92
180	2.50	77.35	9.92
181	3.58	80.93	9.92

ESTIMATED DEG. DAYS (C) FOR JUNE/53 = 110.36

182	4.75	85.68	10.67
183	5.00	90.68	11.67
184	5.83	96.52	13.50
185	6.09	102.60	15.59
186	5.33	107.93	16.92
187	6.50	114.43	19.42
188	7.33	121.77	22.75
189	8.00	129.77	26.75
190	7.33	137.10	30.08
191	7.83	144.93	33.92
192	7.83	152.77	37.75
193	7.83	160.60	41.58
194	8.00	168.60	45.58
195	8.17	176.77	49.75
196	9.25	186.02	55.00
197	9.75	195.77	60.75
198	10.00	205.77	66.75

ESTIMATED DEG. DAYS (C) FOR JULY/53 = 227.64

HARRYS HARBOUR NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
30	10.0	49.70	55.93	JULY 28, 1983 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (D)	DEG. DAY (4)
209	11.08	11.08	7.08
210	10.50	21.58	13.58
211	10.42	32.00	20.00
212	8.50	40.50	24.50
213	10.08	50.58	30.58
214	8.50	59.08	35.08
215	6.33	65.42	37.42
216	6.00	71.42	39.42
217	8.33	79.75	43.75
218	6.25	86.00	46.00
219	5.00	91.00	47.00
220	8.58	99.58	51.58
221	8.33	107.92	55.92
222	8.00	115.92	59.92
223	10.08	126.00	66.00
224	10.75	136.75	72.75
225	10.42	147.17	79.17
226	10.33	157.50	85.50
227	10.00	167.50	91.50
228	10.33	177.83	97.83
229	10.58	188.42	104.42
230	10.25	198.67	110.67
231	9.75	208.42	116.42
232	9.33	217.75	121.75
233	11.33	229.08	129.08
234	12.00	241.08	137.08
235	11.17	252.25	144.25
236	10.58	262.83	150.83
237	9.92	272.75	156.75
238	9.58	282.33	162.33
239	10.17	292.50	168.50
240	11.00	303.50	175.50
241	10.08	313.58	181.58
242	9.75	323.33	187.33
243	10.33	333.67	193.67

TOTAL DEG. DAYS (D) FOR AUG/83 = 293.17

244	11.00	344.67	200.67
245	10.33	355.00	207.00
246	9.58	364.58	212.58
247	9.33	373.92	217.92
248	10.08	384.00	224.00
249	9.33	393.33	229.33
250	7.83	401.17	233.17
251	8.75	409.92	237.92
252	9.33	419.25	243.25
253	9.92	429.17	249.17
254	9.50	438.67	254.67
255	9.33	448.00	260.00

HARRYS HARBOUR NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
30	10.0	49.70	55.93	JULY 29, 1983 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
256	9.67	457.67	245.67
257	8.83	466.50	270.50
258	9.33	475.83	275.83

ESTIMATED DEG. DAYS (0) FOR SEPT/83 = 284.33

HARRYS HARBOUR NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
3D	1.0	49.70	55.93	OCT 3, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
276	10.75	10.75	6.75
277	10.33	21.08	13.08
278	10.00	31.08	19.08
279	10.00	41.08	25.08
280	9.50	50.58	30.58
281	9.17	58.75	34.75
282	8.83	67.58	39.58
283	9.00	76.58	44.58
284	8.75	85.33	49.33
285	8.17	93.50	53.50
286	8.00	101.50	57.50
287	8.00	109.50	61.50
288	8.00	117.50	65.50
289	8.00	125.50	69.50
290	8.00	133.50	73.50
291	8.00	141.50	77.50
292	7.67	149.17	81.17
293	7.50	156.67	84.67
294	7.50	164.17	88.17
295	7.50	171.67	91.67
296	7.50	179.17	95.17
297	7.42	186.58	98.58
298	7.00	193.58	101.58
299	7.00	200.58	104.58
300	7.00	207.58	107.58
301	7.00	214.58	110.58
302	7.00	221.58	113.58
303	6.67	228.25	116.25
304	6.50	234.75	118.75

ESTIMATED DEG. DAYS (0) FOR OCT/83 = 250.94

305	6.00	240.75	120.75
306	5.58	246.33	122.33
307	5.17	251.50	123.50
308	5.50	257.00	125.00
309	5.50	262.50	126.50
310	5.00	267.50	127.50
311	5.17	272.67	128.67
312	5.25	277.92	129.92
313	5.00	282.92	130.92
314	5.00	287.92	131.92
315	4.92	292.83	132.83
316	4.50	297.33	133.33
317	4.50	301.83	133.83
318	4.25	306.08	134.08
319	4.00	310.08	134.08
320	4.00	314.08	134.08
321	4.00	318.08	134.08
322	4.00	322.08	134.08

HARRYS HARBOUR NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
30	1.0	49.70	[illegible].93	OCT 3, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
323	4.00	325.08	134.08
324	4.00	330.08	134.08
325	3.67	333.75	134.08
326	3.50	337.25	134.08
327	3.50	340.75	134.08
328	3.50	344.25	134.08
329	3.50	347.75	134.08
330	3.00	350.75	134.08
331	3.00	353.75	134.08
332	3.00	356.75	134.08
333	3.00	359.75	134.08
334	2.75	362.50	134.08
TOTAL	DEG. DAYS (C) FOR NOV/83 =	127.75	
335	2.50	365.00	134.08
336	2.50	367.50	134.08
337	2.50	370.00	134.08
338	2.50	372.50	134.08
339	2.00	374.50	134.08
340	2.00	376.50	134.08
341	2.00	378.50	134.08
342	2.00	380.50	134.08
343	2.00	382.50	134.08
344	2.00	384.50	134.08
345	1.92	386.42	134.08
346	1.50	387.92	134.08
ESTIMATED	DEG. DAYS (C) FOR DEC/83 =	65.65	

HARRY'S HARBOUR NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
3E	10.0	49.70	55.93	OCT 3, 1983 16:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
276	9.25	9.25	5.25
277	9.00	18.25	10.25
278	9.00	27.25	15.25
279	9.00	36.25	20.25
280	7.33	43.58	23.58
281	6.67	50.25	26.25
282	7.25	57.50	29.50
283	7.50	65.00	33.00
284	7.42	72.42	36.42
285	7.00	79.42	39.42
286	7.00	86.42	42.42
287	7.00	93.42	45.42
288	7.00	100.42	48.42
289	6.17	106.59	50.59
290	6.58	113.17	53.17
291	6.83	120.00	56.00
292	6.50	126.50	58.50
293	6.50	133.00	61.00
294	6.50	139.50	63.50
295	6.50	146.00	66.00
296	6.50	152.50	68.50
297	6.50	159.00	71.00
298	6.00	165.00	73.00
299	6.00	171.00	75.00
300	6.00	177.00	77.00
301	6.00	183.00	79.00
302	6.00	189.00	81.00
303	5.67	194.67	82.67
304	5.42	200.08	84.08

ESTIMATED DEG. DAYS (0) FOR OCT/83 = 213.88

305	4.42	204.50	84.50
306	4.17	208.67	84.67
307	4.00	212.67	84.67
308	4.33	217.00	85.00
309	4.42	221.42	85.42
310	4.00	225.42	85.42
311	4.00	229.42	85.42

COMFORT COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
43	9.0	49.41	54.83	DEC 17, 1982 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
351	0.00	0.00	0.00
352	-0.25	0.00	0.00
353	-0.50	0.00	0.00
354	0.17	0.17	0.00
355	0.17	0.33	0.00
356	0.00	0.33	0.00
357	-0.17	0.33	0.00
358	-0.50	0.33	0.00
359	-0.50	0.33	0.00
360	-0.50	0.33	0.00
361	-0.50	0.33	0.00
362	-0.50	0.33	0.00
363	-0.50	0.33	0.00
364	-0.50	0.33	0.00
365	-0.50	0.33	0.00

ESTIMATED DEG. DAYS (C) FOR DEC/82 = 0.69

1	-0.50	0.33	0.00
2	-0.67	0.33	0.00
3	-1.00	0.33	0.00
4	-1.33	0.33	0.00
5	-1.50	0.33	0.00
6	-1.50	0.33	0.00
7	-1.50	0.33	0.00
8	-1.50	0.33	0.00
9	-1.67	0.33	0.00
10	-2.00	0.33	0.00
11	-2.00	0.33	0.00
12	-2.00	0.33	0.00
13	-1.75	0.33	0.00
14	-1.50	0.33	0.00
15	-1.50	0.33	0.00
16	-1.50	0.33	0.00
17	-1.25	0.33	0.00
18	-1.00	0.33	0.00
19	-1.00	0.33	0.00
20	-1.25	0.33	0.00
21	-1.50	0.33	0.00
22	-1.75	0.33	0.00
23	-2.00	0.33	0.00
24	-2.00	0.33	0.00
25	-1.83	0.33	0.00
26	-1.50	0.33	0.00
27	-1.92	0.33	0.00
28	-2.00	0.33	0.00
29	-2.00	0.33	0.00
30	-2.00	0.33	0.00
31	-2.00	0.33	0.00

TOTAL DEG. DAYS (C) FOR JAN/83 = 0.00

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
4A	9.0	49.41	54.83	DEC 17, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
32	-2.00	0.33	0.00
33	-2.00	0.33	0.00
34	-2.00	0.33	0.00
35	-2.00	0.33	0.00
36	-2.00	0.33	0.00
37	-2.00	0.33	0.00
38	-2.00	0.33	0.00
39	-2.00	0.33	0.00
40	-1.50	0.33	0.00
41	-1.50	0.33	0.00
42	-1.50	0.33	0.00
43	-1.50	0.33	0.00
44	-1.50	0.33	0.00
45	-1.50	0.33	0.00
46	-1.50	0.33	0.00
47	-1.50	0.33	0.00
48	-1.50	0.33	0.00
49	-1.50	0.33	0.00
50	-1.50	0.33	0.00
51	-1.50	0.33	0.00
52	-1.50	0.33	0.00
53	-1.50	0.33	0.00
54	-1.50	0.33	0.00
55	-1.50	0.33	0.00
56	-1.50	0.33	0.00
57	-1.50	0.33	0.00
58	-1.50	0.33	0.00
59	-1.50	0.33	0.00
TOTAL DEG. DAYS (0) FOR FEB/83 =		0.00	
60	-1.50	0.33	0.00
61	-1.50	0.33	0.00
62	-1.50	0.33	0.00
63	-1.50	0.33	0.00
64	-1.50	0.33	0.00
65	-1.50	0.33	0.00
66	-1.50	0.33	0.00
67	-1.50	0.33	0.00
68	-1.50	0.33	0.00
69	-1.50	0.33	0.00
70	-1.50	0.33	0.00
71	-1.50	0.33	0.00
72	-1.50	0.33	0.00
73	-1.50	0.33	0.00
74	-1.50	0.33	0.00
75	-1.50	0.33	0.00
76	-1.50	0.33	0.00
77	-1.50	0.33	0.00
78	-1.50	0.33	0.00

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
4A	9.0	49.41	54.93	DEC 17, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (A)
79	-1.50	0.33	0.00
80	-1.50	0.33	0.00
81	-1.50	0.33	0.00
82	-1.50	0.33	0.00
83	-1.50	0.33	0.00
84	-1.50	0.33	0.00
85	-1.50	0.33	0.00
86	-1.50	0.33	0.00
87	-1.50	0.33	0.00
88	-1.50	0.33	0.00
89	-1.50	0.33	0.00
90	-1.50	0.33	0.00
TOTAL	DEG. DAYS (C) FOR MAR/83 =		0.00
91	-1.50	0.33	0.00
92	-1.50	0.33	0.00
93	-1.50	0.33	0.00
94	-1.50	0.33	0.00
95	-1.50	0.33	0.00
96	-1.50	0.33	0.00
97	-1.50	0.33	0.00
98	-1.50	0.33	0.00
99	-1.50	0.33	0.00
100	-1.50	0.33	0.00
101	-1.50	0.33	0.00
102	-1.50	0.33	0.00
103	-1.50	0.33	0.00
104	-1.50	0.33	0.00
105	-1.50	0.33	0.00
106	-1.50	0.33	0.00
107	-1.50	0.33	0.00
108	-1.50	0.33	0.00
109	-1.50	0.33	0.00
110	-1.42	0.33	0.00
111	-1.17	0.33	0.00
112	-1.50	0.33	0.00
113	-1.50	0.33	0.00
114	-1.50	0.33	0.00
115	-1.50	0.33	0.00
116	-1.50	0.33	0.00
117	-1.50	0.33	0.00
118	-1.50	0.33	0.00
119	-1.50	0.33	0.00
120	-0.83	0.33	0.00
TOTAL	DEG. DAYS (C) FOR APR/83 =		0.00
121	-0.17	0.42	0.00
122	2.67	3.17	0.00

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
4A	3.0	49.41	54.83	DEC 17, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
123	1.25	4.42	0.00
124	0.50	4.92	0.00
125	1.75	6.67	0.00
126	-0.17	6.67	0.00
127	2.00	8.67	0.00
128	2.75	11.42	0.00
129	1.00	12.58	0.08
130	0.25	13.00	0.08
131	0.08	13.25	0.08
132	0.00	13.25	0.08

ESTIMATED DEG. DAYS (C) FOR MAY/83 = 33.37

COMFORT COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
49	9.0	49.41	54.83	DEC 17, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
351	0.25	0.25	0.00
352	-0.42	0.25	0.00
353	-0.75	0.25	0.00
354	0.00	0.25	0.00
355	0.00	0.25	0.00
356	0.00	0.25	0.00
357	-0.33	0.25	0.00
358	-0.75	0.25	0.00
359	-0.50	0.25	0.00
360	-1.00	0.25	0.00
361	-1.00	0.25	0.00
362	-1.00	0.25	0.00
363	-1.00	0.25	0.00
364	-1.00	0.25	0.00
365	-1.00	0.25	0.00

ESTIMATED DEG. DAYS (C) FOR DEC/82 = 0.52

1	-1.00	0.25	0.00
2	-1.00	0.25	0.00
3	-1.42	0.25	0.00
4	-1.83	0.25	0.00
5	-2.00	0.25	0.00
6	-2.00	0.25	0.00
7	-2.00	0.25	0.00
8	-2.00	0.25	0.00
9	-2.00	0.25	0.00
10	-2.00	0.25	0.00
11	-2.00	0.25	0.00
12	-2.00	0.25	0.00
13	-2.00	0.25	0.00
14	-1.83	0.25	0.00
15	-1.50	0.25	0.00
16	-2.00	0.25	0.00
17	-1.58	0.25	0.00
18	-1.50	0.25	0.00
19	-1.50	0.25	0.00
20	-1.75	0.25	0.00
21	-2.00	0.25	0.00
22	-2.00	0.25	0.00
23	-2.00	0.25	0.00
24	-2.00	0.25	0.00
25	-2.00	0.25	0.00
26	-2.00	0.25	0.00
27	-2.00	0.25	0.00
28	-2.00	0.25	0.00
29	-2.00	0.25	0.00
30	-2.00	0.25	0.00
31	-2.00	0.25	0.00

TOTAL DEG. DAYS (C) FOR JAN/83 = 0.00

COMFORT COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
48	9.0	49.41	54.93	DEC 17, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (J)	DEG. DAY (4)
32	-2.00	0.25	0.00
33	-2.00	0.25	0.00
34	-2.00	0.25	0.00
35	-2.00	0.25	0.00
36	-2.00	0.25	0.00
37	-2.00	0.25	0.00
38	-2.00	0.25	0.00
39	-2.00	0.25	0.00
40	-2.00	0.25	0.00
41	-2.00	0.25	0.00
42	-2.00	0.25	0.00
43	-2.00	0.25	0.00
44	-2.00	0.25	0.00
45	-2.00	0.25	0.00
46	-2.00	0.25	0.00
47	-2.00	0.25	0.00
48	-2.00	0.25	0.00
49	-2.00	0.25	0.00
50	-1.92	0.25	0.00
51	-1.50	0.25	0.00
52	-1.50	0.25	0.00
53	-1.50	0.25	0.00
54	-1.50	0.25	0.00
55	-1.50	0.25	0.00
56	-1.50	0.25	0.00
57	-1.50	0.25	0.00
58	-1.50	0.25	0.00
59	-1.50	0.25	0.00

TOTAL DEG. DAYS (0) FOR FEB/83 = 0.00

60	-1.50	0.25	0.00
61	-1.50	0.25	0.00
62	-1.50	0.25	0.00
63	-1.50	0.25	0.00
64	-1.50	0.25	0.00
65	-1.50	0.25	0.00
66	-1.50	0.25	0.00
67	-1.50	0.25	0.00
68	-1.50	0.25	0.00
69	-1.50	0.25	0.00
70	-1.50	0.25	0.00
71	-1.50	0.25	0.00
72	-1.50	0.25	0.00
73	-1.50	0.25	0.00
74	-1.50	0.25	0.00
75	-1.50	0.25	0.00
76	-1.50	0.25	0.00
77	-1.50	0.25	0.00
78	-1.50	0.25	0.00

COMFORT COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
48	3.0	49.41	54.83	DEC 17, 1982 18:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
79	-1.50	0.25	0.00
80	-1.50	0.25	0.00
81	-1.50	0.25	0.00
82	-1.50	0.25	0.00
83	-1.50	0.25	0.00
84	-1.50	0.25	0.00
85	-1.50	0.25	0.00
86	-1.50	0.25	0.00
87	-1.50	0.25	0.00
88	-1.50	0.25	0.00
89	-1.50	0.25	0.00
90	-1.50	0.25	0.00
TOTAL	DEG. DAYS (C) FOR MAR/83 =	0.00	
91	-1.50	0.25	0.00
92	-1.50	0.25	0.00
93	-1.50	0.25	0.00
94	-1.50	0.25	0.00
95	-1.50	0.25	0.00
96	-1.50	0.25	0.00
97	-1.50	0.25	0.00
98	-1.50	0.25	0.00
99	-1.50	0.25	0.00
100	-1.50	0.25	0.00
101	-1.50	0.25	0.00
102	-1.50	0.25	0.00
103	-1.50	0.25	0.00
104	-1.50	0.25	0.00
105	-1.50	0.25	0.00
106	-1.50	0.25	0.00
107	-1.50	0.25	0.00
108	-1.50	0.25	0.00
109	-1.50	0.25	0.00
110	-1.50	0.25	0.00
111	-1.50	0.25	0.00
112	-1.50	0.25	0.00
113	-1.50	0.25	0.00
114	-1.50	0.25	0.00
115	-1.50	0.25	0.00
116	-1.50	0.25	0.00
117	-1.50	0.25	0.00
118	-1.50	0.25	0.00
119	-1.50	0.25	0.00
120	-0.75	0.25	0.00
TOTAL	DEG. DAYS (C) FOR APR/83 =	0.00	
121	-0.75	0.25	0.00
122	2.83	3.08	0.00

COMFORT COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
48	9.0	49.41	54.33	DEC 17, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (D)	DEG. DAY (A)
123	0.42	3.58	0.00
124	0.00	3.58	0.00
125	1.42	5.00	0.00
126	-0.50	5.00	0.00
127	1.42	6.42	0.00
128	2.17	8.58	0.00
129	0.67	9.25	0.00
130	-0.33	9.58	0.00
131	-0.25	9.75	0.00
132	-0.50	9.75	0.00

ESTIMATED DEG. DAYS (D) FOR MAY/83 = 24.54

COMFORT COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
40 ,	9.0	9.41	54.63	MAY 2, 983 05:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (D)	DEG. DAY (4)
122	1.13	1.13	0.00
123	-0.08	1.38	0.00
124	0.00	1.71	0.00
125	2.83	4.54	0.00
126	2.67	7.21	0.00
127	1.92	9.13	0.00
128	1.92	11.04	0.00
129	3.92	14.96	0.00
130	3.08	18.04	0.00
131	3.00	21.04	0.00
132	3.58	24.63	0.00
133	4.00	28.63	0.00
134	3.50	32.13	0.00
135	3.00	35.13	0.00
136	3.58	38.71	0.00
137	3.75	42.46	0.00
138	2.92	45.38	0.00
139	1.33	46.71	0.00
140	0.67	47.38	0.00
141	0.67	48.04	0.00
142	1.00	49.04	0.00
143	0.00	49.04	0.00
144	1.50	50.54	0.00
145	3.25	53.79	0.00
146	1.08	54.88	0.00
147	0.42	55.29	0.00
148	2.25	57.54	0.00
149	1.00	58.54	0.00
150	3.50	62.04	1.00
151	3.50	65.54	2.00

ESTIMATED DEG. DAYS (D) FOR MAY/3-917 = 47.73

152	1.25	66.79	2.00
153	1.25	68.04	2.00
154	1.00	69.04	2.00
155	1.83	70.88	2.00
156	1.33	72.21	2.00
157	0.83	73.04	2.00
158	2.67	75.71	2.08
159	1.17	76.88	2.08
160	1.00	77.88	2.08
161	1.00	78.88	2.08
162	1.92	80.79	2.08
163	5.17	85.96	3.25
164	2.50	88.46	3.42
165	5.33	94.79	5.75
166	1.08	95.88	5.75
167	1.08	96.96	5.75
168	1.58	98.54	5.75

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
40	9.0	9.41	54.83	MAY 2, 983 04:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
169	2.67	101.21	5.75
170	9.08	110.29	10.83
171	9.00	119.29	15.83
172	10.17	129.46	22.00
173	6.67	136.13	25.67
174	1.75	137.88	25.67
175	3.67	141.54	25.75
176	6.00	147.54	27.75
177	5.33	152.88	29.08
178	6.08	158.96	31.33
179	2.83	161.79	31.33
180	5.17	166.96	32.50
181	6.33	173.29	34.83

TOTAL DEG. DAYS (0) FOR JUNE/7-917 = 107.75

182	4.67	177.96	36.00
183	5.08	183.04	37.33
184	7.33	190.38	40.33
185	4.17	194.54	41.17
186	5.50	200.04	42.67
187	5.83	205.88	44.50
188	4.67	210.54	45.17
189	11.75	222.29	52.92
190	10.67	232.96	59.58
191	8.50	241.46	64.08
192	8.75	250.21	68.83
193	8.33	258.54	73.17
194	7.58	266.13	76.75
195	8.33	274.46	81.08
196	6.92	281.38	84.00
197	7.75	289.13	87.75
198	7.83	296.96	91.58
199	9.83	306.79	97.42
200	11.00	317.79	104.42
201	11.17	328.96	111.58
202	11.67	340.63	119.25
203	11.00	351.63	126.25
204	12.58	364.21	134.83
205	10.83	375.04	141.67
206	10.17	385.21	147.83
207	10.42	395.63	154.25
208	11.83	407.46	162.08
209	12.00	419.46	170.08
210	11.50	430.96	177.58
211	12.42	443.38	186.00
212	11.33	454.71	193.33

TOTAL DEG. DAYS (0) FOR JULY/7-917 = 281.42

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
40 .	9.0	9.41	54.83	MAY 2, 983 05:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
213	12.33	467.04	201.67
214	12.17	479.21	209.83
215	12.25	491.46	219.08
216	13.00	504.46	227.08
217	12.92	517.38	236.00
218	12.33	529.71	244.33
219	12.00	541.71	252.33
220	12.00	553.71	260.33

COMFORT COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
40	9.0	49.41	54.83	MAY 12, 1983 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (A)
132	2.00	2.00	0.00
133	0.42	2.50	0.00
134	-0.17	2.83	0.00
135	2.17	5.08	0.00
136	2.92	8.00	0.00
137	2.67	10.67	0.08
138	1.58	12.25	0.08
139	3.25	15.50	0.08
140	3.75	19.25	0.08
141	3.50	22.75	0.08
142	3.58	26.33	0.08
143	4.00	30.33	0.08
144	4.00	34.33	0.08
145	3.00	37.33	0.08
146	3.50	40.83	0.08
147	3.67	44.50	0.08
148	3.92	48.42	0.08
149	2.17	50.58	0.08
150	0.67	51.25	0.09
151	0.58	51.83	0.08

ESTIMATED DEG. DAYS (C) FOR MAY/83 = 90.34

152	0.67	52.50	0.08
153	0.33	52.83	0.08
154	0.92	53.83	0.08
155	2.25	56.08	0.08
156	2.25	58.33	0.08
157	0.00	58.33	0.09
158	1.25	59.58	0.08
159	1.75	61.33	0.08
160	1.33	62.67	0.08
161	5.75	68.42	2.33
162	1.25	69.67	2.33
163	1.08	70.75	2.33
164	1.17	71.92	2.33
165	1.83	73.75	2.33
166	1.17	74.92	2.33
167	1.17	76.08	2.33
168	1.83	77.92	2.33
169	1.75	79.67	2.33
170	0.75	80.42	2.33
171	0.50	80.92	2.33
172	0.67	81.58	2.33
173	4.75	86.33	3.42
174	3.83	90.17	3.75
175	4.92	95.08	5.58
176	3.33	98.42	6.58
177	1.00	99.42	6.59
178	1.67	101.08	6.58

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
40	9.0	49.41	54.83	MAY 12, 1983 1500 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
179	2.42	103.50	4.58
180	5.58	109.08	9.08
181	10.00	119.08	15.08
TOTAL	DEG. DAYS (C) FOR JUNE/83 =	67.25	
182	9.17	128.25	20.25
183	11.25	139.50	27.50
184	1.50	141.00	27.50
185	3.17	144.17	27.50
186	5.67	149.83	29.25
187	5.42	155.25	30.67
188	7.00	162.25	33.47
189	2.67	164.92	33.83
190	4.83	169.75	34.67
191	5.83	175.58	36.50
192	5.83	181.42	38.33
193	4.67	186.08	39.17
194	6.83	192.92	42.08
195	5.08	198.00	43.25
196	5.92	203.92	45.17
197	6.08	210.00	47.25
198	5.17	215.17	48.42
199	10.00	225.17	54.42
200	11.33	236.50	61.75
201	8.67	245.17	66.42
202	8.50	253.67	70.92
203	8.92	262.58	75.83
204	7.00	269.58	78.83
205	9.83	279.42	84.47
206	6.75	286.17	87.42
207	7.17	293.33	90.58
208	8.33	301.67	94.92
209	9.42	311.08	100.33
210	11.08	322.17	107.42
211	11.25	333.42	114.67
212	12.58	346.00	123.25
TOTAL	DEG. DAYS (C) FOR JULY/83 =	226.92	
213	11.17	357.17	130.42
214	12.17	369.33	138.58
215	11.50	380.83	146.09
216	10.75	391.58	152.83
217	9.92	401.50	158.75
218	11.67	413.17	166.42
219	12.25	425.42	174.67
220	12.25	437.67	182.92
221	12.08	449.75	191.00
222	11.58	461.33	198.58

COMFORT COVE NFLD ... CONTINUED

STATION 40 DEPTH 9.0 LATITUDE 49.41 LONGITUDE 54.83 START MAY 12, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
223	12.58	473.92	207.17
224	12.33	486.25	215.50
225	12.50	498.75	224.00
226	12.50	511.25	232.50
227	13.00	524.25	241.50
228	12.67	536.92	250.17
229	12.00	548.92	258.17
230	12.00	560.92	266.17

ESTIMATED DEG. DAYS (C) FOR AUG/83 = 370.13

COMFORT COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
4E	9.0	49.41	54.83	AUG 1ST, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
230	12.00	12.00	8.00
231	11.83	23.83	15.83
232	11.58	35.42	23.42
233	11.00	46.42	30.42
234	11.58	58.00	38.00
235	11.08	69.08	45.08
236	12.00	81.08	53.08
237	12.00	93.08	61.08
238	12.00	105.08	69.08
239	11.92	117.00	77.00
240	10.75	127.75	83.75
241	10.83	138.58	90.58
242	11.00	149.58	97.58
243	10.67	160.25	104.25

ESTIMATED DEG. DAYS (C) FOR AUG/83 = 354.84

244	10.17	170.42	110.42
245	9.92	180.33	116.33
246	9.17	189.50	121.50
247	9.75	199.25	127.25
248	10.58	209.83	133.83
249	10.67	220.50	140.50
250	9.42	229.92	145.92
251	10.17	240.09	152.08
252	11.08	251.17	159.17
253	11.50	262.67	166.67
254	11.33	274.00	174.00
255	11.25	285.25	181.25
256	12.00	297.25	189.25
257	12.00	309.25	197.25
258	11.33	320.58	204.58
259	10.50	331.08	211.08
260	10.92	342.00	218.00
261	11.00	353.00	225.00
262	11.00	364.00	232.00
263	10.75	374.75	236.75
264	11.00	385.75	245.75
265	10.67	396.42	252.42
266	11.33	407.75	259.75
267	11.92	419.67	267.67
268	10.17	429.83	273.83
269	10.50	440.33	280.33
270	11.33	451.67	287.67
271	11.83	463.50	295.50
272	10.00	473.50	301.50
273	11.00	484.50	308.50

TOTAL DEG. DAYS (C) FOR SEPT/83 = 324.25

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
4E	0.0	49.41	54.83	AUG 18, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
274	10.25	494.75	314.75
275	10.00	504.75	320.75
276	10.25	515.00	327.00
277	10.50	525.50	333.50
278	10.50	536.00	340.00
279	10.25	546.25	346.25
280	10.08	556.33	352.33
281	10.17	566.50	358.50
282	9.83	576.33	364.33
283	10.00	586.33	370.33
284	9.00	595.33	375.33
285	9.00	604.33	380.33
286	9.00	613.33	385.33
287	9.00	622.33	390.33
288	9.00	631.33	395.33
289	9.00	640.33	400.33
290	9.00	649.33	405.33
291	9.00	658.33	410.33
292	9.00	667.33	415.33
293	9.00	676.33	420.33
294	8.50	684.83	424.83
295	8.00	692.83	428.83
296	8.00	700.83	432.83
297	8.00	708.83	436.83
298	7.67	716.50	440.50
299	7.17	723.67	443.67
300	6.33	730.00	446.00
301	7.00	737.00	449.00
302	7.00	744.00	452.00
303	6.67	750.67	454.67
304	6.50	757.17	457.17

TOTAL DEG. DAYS (0) FOR OCT/83 = 272.67

305	6.25	763.42	459.42
306	6.00	769.42	461.42
307	6.00	775.42	463.42
308	6.00	781.42	465.42
309	5.75	787.17	467.17
310	5.50	792.67	468.67
311	5.50	798.17	470.17
312	5.50	803.67	471.67
313	5.50	809.17	473.17
314	5.50	814.67	474.67
315	5.17	819.83	475.83
316	5.00	824.83	476.83
317	5.00	829.83	477.83
318	5.00	834.83	478.83
319	4.58	839.42	479.42
320	4.25	843.67	479.67

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
45	9.0	49.41	54.33	AUG 1ST, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
321	4.00	847.67	479.67
322	4.00	851.67	479.67
323	4.00	855.67	479.67
324	4.00	859.67	479.67
325	4.00	863.67	479.67
326	4.00	867.67	479.67
327	4.00	871.67	479.67
328	3.75	875.42	479.67
329	3.50	878.92	479.67
330	3.50	882.42	479.67
331	3.42	885.83	479.67
332	3.00	888.83	479.67
333	3.00	891.83	479.67
334	3.00	894.83	479.67
TOTAL	DEG. DAYS (C) FOR NOV/83 =	137.67	
335	2.83	897.67	479.67
336	2.50	900.17	479.67
337	2.50	902.67	479.67
338	2.00	904.67	479.67
339	2.00	906.67	479.67
340	2.00	908.67	479.67
341	2.00	910.67	479.67

COMFORT COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
4E	9.0	49.41	54.83	AUG 18, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (A)
230	12.00	12.00	8.00
231	12.00	24.00	16.00
232	11.75	35.75	23.75
233	11.42	47.17	31.17
234	12.00	59.17	39.17
235	11.75	70.92	46.92
236	12.25	83.17	55.17
237	12.00	95.17	63.17
238	12.00	107.17	71.17
239	12.08	119.25	79.25
240	11.00	130.25	86.25
241	11.42	141.67	93.67
242	11.92	153.58	101.58
243	10.83	164.42	108.42

ESTIMATED DEG. DAYS (C) FOR AUG/83 = 364.07

244	10.75	175.17	115.17
245	10.00	185.17	121.17
246	9.75	194.92	126.92
247	10.00	204.92	132.92
248	11.00	215.92	139.92
249	11.00	226.92	146.92
250	9.83	236.75	152.75
251	10.92	247.67	159.67
252	11.08	258.75	166.75
253	11.67	270.42	174.42
254	11.33	281.75	181.75
255	11.67	293.42	189.42
256	12.00	305.42	197.42
257	12.00	317.42	205.42
258	11.25	328.67	212.67
259	11.17	339.83	219.83
260	11.83	351.67	227.67
261	11.50	363.17	235.17
262	11.42	374.58	242.58
263	11.67	386.25	250.25
264	12.00	398.25	258.25
265	11.17	409.42	265.42
266	12.00	421.42	273.42
267	12.83	434.25	282.25
268	10.42	444.67	288.67
269	11.08	455.75	295.75
270	12.00	467.75	303.75
271	11.92	479.67	311.67
272	10.42	490.08	318.08
273	11.00	501.08	325.08

TOTAL DEG. DAYS (C) FOR SEPT/83 = 336.67

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
4F	9.0	49.41	54.93	AUG 19, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
274	11.25	512.33	332.33
275	11.17	523.50	339.50
276	11.00	534.50	346.50
277	11.00	545.50	353.50
278	11.00	556.50	360.50
279	11.00	567.50	367.50
280	11.00	578.50	374.50
281	11.00	589.50	381.50
282	10.50	600.00	388.00
283	10.42	610.42	394.42
284	9.83	620.25	400.25
285	10.00	630.25	406.25
286	10.00	640.25	412.25
287	10.00	650.25	418.25
288	10.00	660.25	424.25
289	10.00	670.25	430.25
290	9.67	679.92	435.92
291	9.50	689.42	441.42
292	9.50	698.92	446.92
293	9.50	708.42	452.42
294	9.08	717.50	457.50
295	9.00	726.50	462.50
296	8.75	735.25	467.25
297	8.25	743.50	471.50
298	8.00	751.50	475.50
299	7.75	759.25	479.25
300	7.25	766.50	482.50
301	7.50	774.00	486.00
302	7.50	781.50	489.50
303	7.17	788.67	492.67
304	7.00	795.67	495.67
TOTAL	DEG. DAYS (C) FOR OCT/83 =	294.58	
305	7.00	802.67	498.67
306	6.67	809.33	501.33
307	6.50	815.83	503.83
308	6.50	822.33	506.33
309	6.25	828.58	508.58
310	6.00	834.58	510.58
311	6.00	840.58	512.58
312	6.00	846.58	514.58
313	6.00	852.58	516.58
314	6.00	858.58	518.58
315	6.00	864.58	520.58
316	6.00	870.58	522.58
317	5.58	876.17	524.17
318	5.50	881.67	525.67
319	5.17	886.83	526.83
320	5.00	891.83	527.83

COMFORT COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
4E	9.0	49.41	54.83	AUG 18, 1983 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
321	5.00	896.83	528.83
322	5.00	901.83	529.83
323	5.00	906.83	530.83
324	5.00	911.83	531.83
325	4.75	916.58	532.58
326	4.50	921.08	533.08
327	4.50	925.58	533.58
328	4.42	930.00	534.00
329	4.00	934.00	534.00
330	4.00	938.00	534.00
331	4.00	942.00	534.00
332	4.00	946.00	534.00
333	3.58	949.58	534.00
334	3.50	953.08	534.00

TOTAL DEG. DAYS (0) FOR NOV/83 = 157.42

335	3.08	956.17	534.00
336	3.00	959.17	534.00
337	3.00	962.17	534.00
338	3.00	965.17	534.00
339	3.00	968.17	534.00
340	2.92	971.08	534.00
341	2.50	973.58	534.00

HTLLGRADE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
FA	10.0	49.57	54.70	JUNE 9, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
160	4.17	4.17	2.17
161	7.00	13.17	5.17
162	3.75	16.92	5.42
163	2.50	19.42	5.42
164	1.58	21.00	5.42
165	1.00	22.00	5.42
166	1.42	23.42	5.42
167	2.25	25.67	5.42
168	1.75	27.42	5.42
169	2.08	29.50	5.42
170	2.75	32.25	5.42
171	2.67	34.92	5.42
172	2.25	37.17	5.42
173	1.67	38.83	5.42
174	3.00	41.83	5.75
175	5.83	47.67	7.58
176	8.00	55.67	11.58
177	6.58	62.25	14.17
178	3.92	66.17	14.58
179	4.42	70.58	15.50
180	11.33	81.92	22.83
181	10.75	92.67	29.58

ESTIMATED DEG. DAYS (C) FOR JUNE/83 = 126.36

182	9.00	101.67	34.58
183	10.17	111.83	40.75
184	7.33	119.17	44.08
185	7.00	126.17	47.08
186	8.25	134.42	51.33
187	8.83	143.25	55.17
188	9.33	152.58	61.50
189	7.17	159.75	64.67
190	3.17	162.92	64.67
191	7.50	170.42	68.17
192	8.75	179.17	72.92
193	7.67	186.83	76.58
194	6.58	193.42	79.17
195	9.00	202.42	84.17
196	8.08	210.50	88.25
197	7.17	217.67	91.42
198	9.00	226.67	96.42
199	8.50	235.17	100.92
200	10.50	245.67	107.42
201	9.58	255.25	113.00
202	10.17	265.42	119.17
203	12.00	277.42	127.17
204	8.08	285.50	131.25
205	10.17	295.67	137.42
206	7.58	303.25	141.00

HILLGRADE NFLD ... CONTINUED

STATION 5A DEPTH 10.0 LATITUDE 49.57 LONGITUDE 54.70 START JUNE 9, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
207	7.08	310.33	144.08
208	11.58	321.92	151.67
209	9.00	330.92	156.67
210	9.83	340.75	162.50
211	10.00	350.75	168.50
212	11.08	361.83	175.58
TOTAL	DEG. DAYS (C) FOR JULY/83 =	269.17	
213	12.08	373.92	183.67
214	12.17	386.08	191.83
215	13.00	399.08	200.83
216	13.00	412.08	209.83
217	11.92	424.00	217.75
218	12.42	436.42	226.17
219	14.00	450.42	236.17
220	13.58	464.00	245.75
221	12.50	476.50	254.25
222	14.00	490.50	264.25
223	13.92	504.42	274.17
224	14.00	518.42	284.17
225	13.33	531.75	293.50
226	13.42	545.17	302.92
227	13.42	558.58	312.33
228	13.67	572.25	322.00
229	12.00	584.25	330.00
230	11.50	595.75	337.50
231	12.25	608.00	345.75
232	13.00	621.00	354.75
233	12.58	633.58	363.33
234	12.00	645.58	371.33
235	12.00	657.58	379.33
236	12.42	670.00	387.75
237	13.00	683.00	396.75
238	12.92	695.92	405.67
239	11.58	707.50	413.25
240	11.08	718.58	420.33
241	12.00	730.58	428.33
242	11.67	742.25	436.00
243	11.17	753.42	443.17
TOTAL	DEG. DAYS (C) FOR AUG/83 =	391.58	
244	11.00	744.42	450.17
245	11.00	775.42	457.17
246	11.33	786.75	464.50
247	12.00	798.75	472.50
248	11.50	810.25	480.00
249	11.67	821.92	487.67
250	12.83	834.75	496.50

HILLGRADE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
FA	10.0	49.57	54.70	JUNE 9, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
251	13.00	847.75	505.50
252	13.00	860.75	514.50
253	11.50	872.25	522.00
254	12.00	884.25	530.00
255	12.00	896.25	538.00
256	12.00	908.25	546.00
257	12.00	920.25	554.00
258	12.00	932.25	562.00
259	11.67	943.92	569.67
260	11.50	955.42	577.17
261	11.75	967.17	584.92
262	12.00	979.17	592.92
263	11.67	990.83	600.58
264	12.00	1002.83	608.58
265	12.75	1015.58	617.33
266	12.58	1028.17	625.92
267	12.17	1040.33	634.08
268	12.50	1052.83	642.58
269	12.83	1065.67	651.42
270	12.50	1078.17	659.92
271	12.33	1090.50	668.25
272	11.83	1102.33	676.09
273	10.50	1112.83	682.58
TOTAL	DEG. DAYS (C) FOR SEPT/83 =	359.42	
274	10.00	1122.83	688.58
275	10.25	1133.08	694.83
276	11.00	1144.08	701.83
277	10.75	1154.83	708.58
278	10.60	1165.43	715.18

HILLGRADE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
58	1.0	49.57	54.70	JUNE 9, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
160	7.00	7.00	3.00
161	7.00	14.00	6.00
162	7.17	21.17	9.17
163	7.75	28.92	12.92
164	8.08	37.00	17.00
165	8.08	45.08	21.08
166	5.75	51.83	23.83
167	8.42	60.25	28.25
168	8.33	68.59	32.58
169	8.58	77.17	37.17
170	8.08	85.25	41.25
171	9.50	94.75	46.75
172	10.17	104.92	52.92
173	9.58	114.50	58.50
174	9.58	124.08	64.08
175	9.33	133.42	69.42
176	10.42	143.83	75.83
177	10.33	154.17	82.17
178	10.83	165.00	89.00
179	11.50	176.50	96.50
180	12.00	188.50	104.50
181	12.17	200.67	112.67

ESTIMATED DEG. DAYS (C) FOR JUNE/83 = 273.64

182	12.67	213.33	121.33
183	13.00	226.33	130.33
184	12.08	238.42	138.42
185	11.17	249.58	145.58
186	12.33	261.92	153.92
187	13.75	275.67	163.67
188	14.42	290.08	174.08
189	14.00	304.08	184.08
190	10.42	314.50	190.50
191	10.50	325.00	197.00
192	12.25	337.25	205.25
193	12.58	349.83	213.83
194	11.83	361.67	221.67
195	13.83	375.50	231.50
196	13.75	389.25	241.25
197	12.33	401.58	249.58
198	14.00	415.58	259.58
199	14.75	430.33	270.33
200	15.00	445.33	281.33
201	15.00	460.33	292.33
202	15.00	475.33	303.33
203	15.25	490.58	314.58
204	13.00	503.58	323.58
205	13.25	516.83	332.83
206	12.58	529.42	341.42

HILLGRADE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
FB	1.0	49.57	54.70	JUNE 9, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
207	12.17	541.58	349.58
208	12.50	554.08	358.09
209	12.67	566.75	366.75
210	12.00	578.75	374.75
211	11.33	590.08	382.08
212	12.42	602.50	390.50
TOTAL	DEG. DAYS (0) FOR JULY/83 =	401.83	
213	12.50	615.00	399.00
214	13.00	628.00	408.00
215	13.00	641.00	417.00
216	13.00	654.00	426.00
217	13.00	667.00	435.00
218	13.08	680.08	444.08
219	13.67	693.75	453.75
220	14.00	707.75	463.75
221	14.00	721.75	473.75
222	14.00	735.75	483.75
223	14.17	749.92	493.92
224	14.50	764.42	504.42
225	14.00	778.42	514.42
226	14.17	792.58	524.58
227	14.17	806.75	534.75
228	14.50	821.25	545.25
229	15.08	836.33	556.33
230	15.00	852.33	568.33
231	13.83	866.17	578.17
232	12.25	878.42	586.42
233	13.00	891.42	595.42
234	13.00	904.42	604.42
235	13.00	917.42	613.42
236	13.00	930.42	622.42
237	13.00	943.42	631.42
238	13.00	956.42	640.42
239	12.75	969.17	649.17
240	12.50	981.67	657.67
241	12.50	994.17	666.17
242	12.00	1006.17	674.17
243	12.00	1018.17	682.17
TOTAL	DEG. DAYS (0) FOR AUG/83 =	415.67	
244	12.00	1030.17	690.17
245	12.00	1042.17	698.17
246	12.00	1054.17	706.17
247	12.00	1066.17	714.17
248	12.17	1078.33	722.33
249	12.50	1090.83	730.83
250	12.50	1103.33	739.33

HILLGRADE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
58	1.0	49.57	54.70	JUNE 9, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
251	12.92	1116.25	748.25
252	13.00	1129.25	757.25
253	13.00	1142.25	766.25
254	12.58	1154.83	774.83
255	12.50	1167.33	783.33
256	12.50	1179.83	791.83
257	12.25	1192.08	800.08
258	12.33	1204.42	808.42
259	12.00	1216.42	816.42
260	12.00	1228.42	824.42
261	12.00	1240.42	832.42
262	12.00	1252.42	840.42
263	12.00	1264.42	848.42
264	12.00	1276.42	856.42
265	12.17	1288.58	864.58
266	13.00	1301.58	873.58
267	13.00	1314.58	882.58
268	13.00	1327.58	891.58
269	13.00	1340.58	900.58
270	13.00	1353.58	909.58
271	13.00	1366.58	918.58
272	12.25	1378.83	926.83
273	12.00	1390.93	934.83
TOTAL	DEG. DAYS (C) FOR SEPT/83 =	372.67	
274	11.67	1402.50	942.50
275	11.33	1413.83	949.83
276	11.00	1424.83	956.83
277	10.75	1435.58	963.58
278	11.00	1446.58	970.58
279	10.50	1457.08	977.08
280	10.50	1467.58	983.58

STOCK COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
6A	9.0	48.71	53.76	DEC 16, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
350	1.00	1.00	0.00
351	1.00	2.00	0.00
352	0.92	2.92	0.00
353	0.33	3.25	0.00
354	0.08	3.33	0.00
355	0.50	3.83	0.00
356	0.50	4.33	0.00
357	0.33	4.67	0.00
358	0.00	4.67	0.00
359	0.00	4.67	0.00
360	0.00	4.67	0.00
361	0.00	4.67	0.00
362	0.00	4.67	0.00
363	0.00	4.67	0.00
364	0.00	4.67	0.00
365	0.00	4.67	0.00

ESTIMATED DEG. DAYS (O) FOR DEC/82 = 9.04

1	0.00	4.67	0.00
2	0.00	4.67	0.00
3	-0.25	4.67	0.00
4	-0.50	4.67	0.00
5	-0.50	4.67	0.00
6	-0.33	4.67	0.00
7	-1.00	4.67	0.00
8	-1.00	4.67	0.00
9	-1.00	4.67	0.00
10	-1.00	4.67	0.00
11	-1.00	4.67	0.00
12	-0.33	4.67	0.00
13	0.00	4.67	0.00
14	0.00	4.67	0.00
15	0.00	4.67	0.00
16	-0.50	4.67	0.00
17	-0.50	4.67	0.00
18	-0.50	4.67	0.00
19	-0.50	4.67	0.00
20	-0.50	4.67	0.00
21	-0.58	4.67	0.00
22	-0.50	4.67	0.00
23	-0.75	4.67	0.00
24	-0.58	4.67	0.00
25	-0.50	4.67	0.00
26	-0.50	4.67	0.00
27	-0.83	4.67	0.00
28	-1.00	4.67	0.00
29	-1.00	4.67	0.00
30	-1.17	4.67	0.00
31	-1.50	4.67	0.00

TOTAL DEG. DAYS (O) FOR JAN/83 = 0.00

STOCK COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
AA	9.0	48.71	53.76	DEC 16, 1982 16:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
32	-1.50	4.67	0.00
33	-1.50	4.67	0.00
34	-1.50	4.67	0.00
35	-1.42	4.67	0.00
36	-1.00	4.67	0.00
37	-1.00	4.67	0.00
38	-1.00	4.67	0.00
39	-1.00	4.67	0.00
40	-1.00	4.67	0.00
41	-1.00	4.67	0.00
42	-1.00	4.67	0.00
43	-1.50	4.67	0.00
44	-1.50	4.67	0.00
45	-2.00	4.67	0.00
46	-2.00	4.67	0.00
47	-2.00	4.67	0.00
48	-2.00	4.67	0.00
49	-2.00	4.67	0.00
50	-2.00	4.67	0.00
51	-2.00	4.67	0.00
52	-2.00	4.67	0.00
53	-2.00	4.67	0.00
54	-2.00	4.67	0.00
55	-2.00	4.67	0.00
56	-2.00	4.67	0.00
57	-2.00	4.67	0.00
58	-2.00	4.67	0.00
59	-2.00	4.67	0.00

TOTAL DEG. DAYS (0) FOR FEB/83 = 0.00

60	-2.00	4.67	0.00
61	-2.00	4.67	0.00
62	-2.00	4.67	0.00
63	-2.00	4.67	0.00
64	-2.00	4.67	0.00
65	-2.00	4.67	0.00
66	-2.00	4.67	0.00
67	-2.00	4.67	0.00
68	-2.00	4.67	0.00
69	-2.00	4.67	0.00
70	-2.00	4.67	0.00
71	-2.00	4.67	0.00
72	-2.00	4.67	0.00
73	-2.00	4.67	0.00
74	-2.00	4.67	0.00
75	-2.00	4.67	0.00
76	-2.00	4.67	0.00
77	-2.00	4.67	0.00
78	-2.00	4.67	0.00

STOCK COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
6A	9.0	48.71	53.76	DEC 14, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
79	-2.00	4.67	0.00
80	-2.00	4.67	0.00
81	-2.00	4.67	0.00
82	-1.83	4.67	0.00
83	-1.50	4.67	0.00
84	-1.50	4.67	0.00
85	-1.50	4.67	0.00
86	-1.50	4.67	0.00
87	-1.50	4.67	0.00
88	-1.50	4.67	0.00
89	-1.50	4.67	0.00
90	-1.50	4.67	0.00
TOTAL	DEG. DAYS (0) FOR MAR/83 =	0.00	
91	-1.50	4.67	0.00
92	-1.50	4.67	0.00
93	-1.50	4.67	0.00
94	-1.33	4.67	0.00
95	-1.00	4.67	0.00
96	-1.00	4.67	0.00
97	-1.00	4.67	0.00
98	-1.00	4.67	0.00
99	-1.00	4.67	0.00
100	-1.33	4.67	0.00
101	-1.50	4.67	0.00
102	-1.50	4.67	0.00
103	-1.42	4.67	0.00
104	-1.00	4.67	0.00
105	-1.33	4.67	0.00
106	-1.50	4.67	0.00
107	-1.50	4.67	0.00
108	-1.50	4.67	0.00
109	-1.50	4.67	0.00
110	-1.50	4.67	0.00
111	-1.50	4.67	0.00
112	-1.50	4.67	0.00
113	-1.50	4.67	0.00
114	-1.50	4.67	0.00
115	-1.50	4.67	0.00
116	-1.67	4.67	0.00
117	-2.00	4.67	0.00
118	-2.00	4.67	0.00
119	-2.00	4.67	0.00
120	-2.00	4.67	0.00
TOTAL	DEG. DAYS (0) FOR APR/83 =	0.00	
121	-1.17	4.67	0.00
122	-1.33	4.67	0.00

STOCK COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
AA	9.0	48.71	53.76	DEC 14, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
123	-0.50	4.67	0.00
124	-0.50	4.67	0.00
125	-0.58	4.67	0.00
126	0.00	4.67	0.00
127	0.50	5.17	0.00
128	0.00	5.33	0.00
129	0.00	5.50	0.00
130	2.00	7.50	0.00
131	2.00	9.50	0.00

ESTIMATED DEG. DAYS (0) FOR MAY/83 = 13.62

STOCK COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
AB	9.0	48.71	53.76	DEC 16, 1982 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (A)
350	1.50	1.50	0.00
351	1.50	3.00	0.00
352	1.25	4.25	0.00
353	1.00	5.25	0.00
354	1.00	6.25	0.00
355	1.00	7.25	0.00
356	1.00	8.25	0.00
357	1.00	9.25	0.00
358	0.50	9.75	0.00
359	0.50	10.25	0.00
360	0.50	10.75	0.00
361	0.50	11.25	0.00
362	0.50	11.75	0.00
363	0.50	12.25	0.00
364	0.50	12.75	0.00
365	0.50	13.25	0.00

ESTIMATED DEG. DAYS (C) FOR DEC/82 = 25.67

1	0.50	13.75	0.00
2	0.50	14.25	0.00
3	0.17	14.42	0.00
4	0.00	14.42	0.00
5	0.00	14.42	0.00
6	-0.17	14.42	0.00
7	-0.50	14.42	0.00
8	-0.50	14.42	0.00
9	-0.50	14.42	0.00
10	-0.50	14.42	0.00
11	-0.50	14.42	0.00
12	-0.17	14.42	0.00
13	0.00	14.42	0.00
14	0.00	14.42	0.00
15	0.00	14.42	0.00
16	0.00	14.42	0.00
17	0.00	14.42	0.00
18	0.00	14.42	0.00
19	0.00	14.42	0.00
20	0.00	14.42	0.00
21	0.00	14.42	0.00
22	0.00	14.42	0.00
23	0.00	14.42	0.00
24	0.00	14.42	0.00
25	0.00	14.42	0.00
26	0.00	14.42	0.00
27	0.00	14.42	0.00
28	-0.25	14.42	0.00
29	-0.50	14.42	0.00
30	-0.58	14.42	0.00
31	-1.00	14.42	0.00

TOTAL DEG. DAYS (C) FOR JAN/83 = 1.17

STOCK COVE NFLD. ... CONTINUED

STATION 58 DEPTH 9.0 LATITUDE 48.71 LONGITUDE 53.75 START DEC 16, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
32	-1.00	14.42	0.00
33	-1.00	14.42	0.00
34	-1.00	14.42	0.00
35	-1.00	14.42	0.00
36	-0.67	14.42	0.00
37	-0.50	14.42	0.00
38	-0.50	14.42	0.00
39	-0.83	14.42	0.00
40	-1.00	14.42	0.00
41	-1.00	14.42	0.00
42	-1.00	14.42	0.00
43	-1.00	14.42	0.00
44	-1.00	14.42	0.00
45	-1.00	14.42	0.00
46	-1.00	14.42	0.00
47	-1.00	14.42	0.00
48	-1.00	14.42	0.00
49	-1.00	14.42	0.00
50	-1.00	14.42	0.00
51	-1.00	14.42	0.00
52	-1.00	14.42	0.00
53	-1.00	14.42	0.00
54	-1.00	14.42	0.00
55	-1.00	14.42	0.00
56	-1.00	14.42	0.00
57	-1.00	14.42	0.00
58	-1.00	14.42	0.00
59	-1.00	14.42	0.00

TOTAL DEG. DAYS (0) FOR FEB/83 = 0.00

60	-1.00	14.42	0.00
61	-1.00	14.42	0.00
62	-1.00	14.42	0.00
63	-1.00	14.42	0.00
64	-1.00	14.42	0.00
65	-1.00	14.42	0.00
66	-1.00	14.42	0.00
67	-1.00	14.42	0.00
68	-1.00	14.42	0.00
69	-1.00	14.42	0.00
70	-1.00	14.42	0.00
71	-1.00	14.42	0.00
72	-1.00	14.42	0.00
73	-1.00	14.42	0.00
74	-1.00	14.42	0.00
75	-1.00	14.42	0.00
76	-1.00	14.42	0.00
77	-1.00	14.42	0.00
78	-1.00	14.42	0.00

STOCK COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
48	9.0	48.71	53.76	DEC 15, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
79	-1.00	14.42	0.00
80	-1.00	14.42	0.00
81	-1.00	14.42	0.00
82	-1.00	14.42	0.00
83	-1.00	14.42	0.00
84	-1.00	14.42	0.00
85	-1.00	14.42	0.00
86	-1.00	14.42	0.00
87	-1.00	14.42	0.00
88	-1.00	14.42	0.00
89	-1.00	14.42	0.00
90	-1.00	14.42	0.00
TOTAL DEG. DAYS (0) FOR MAR/83 =		0.00	
91	-1.00	14.42	0.00
92	-1.00	14.42	0.00
93	-1.00	14.42	0.00
94	-1.00	14.42	0.00
95	-1.00	14.42	0.00
96	-1.00	14.42	0.00
97	-1.00	14.42	0.00
98	-1.00	14.42	0.00
99	-1.00	14.42	0.00
100	-1.00	14.42	0.00
101	-1.00	14.42	0.00
102	-1.00	14.42	0.00
103	-1.00	14.42	0.00
104	-1.00	14.42	0.00
105	-1.00	14.42	0.00
106	-1.00	14.42	0.00
107	-1.00	14.42	0.00
108	-1.00	14.42	0.00
109	-1.00	14.42	0.00
110	-1.00	14.42	0.00
111	-1.00	14.42	0.00
112	-1.00	14.42	0.00
113	-1.00	14.42	0.00
114	-1.00	14.42	0.00
115	-1.00	14.42	0.00
116	-1.17	14.42	0.00
117	-1.50	14.42	0.00
118	-1.50	14.42	0.00
119	-1.50	14.42	0.00
120	-1.50	14.42	0.00
TOTAL DEG. DAYS (0) FOR APR/83 =		0.00	
121	-0.67	14.42	0.00
122	-0.83	14.42	0.00

STOCK COVE NFLD. ... CONTINUED

STATION 48 DEPTH 9.0 LATITUDE 48.71 LONGITUDE 53.76 START DEC 15, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
123	-0.25	14.42	0.00
124	0.00	14.42	0.00
125	0.00	14.42	0.00
126	0.42	14.83	0.00
127	1.08	15.92	0.00
128	0.42	16.33	0.00
129	0.50	16.83	0.00
130	2.00	18.83	0.00
131	2.00	20.83	0.00

ESTIMATED DEG. DAYS (C) FOR MAY/83 = 19.08

STOCK COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
AC	9.0	48.71	53.75	MAY 12, 1983 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
132	2.00	2.00	0.00
133	1.50	3.50	0.00
134	1.92	5.42	0.00
135	1.75	7.17	0.00
136	1.92	9.08	0.00
137	2.00	11.08	0.00
138	2.00	13.08	0.00
139	2.00	15.08	0.00
140	1.83	16.92	0.00
141	0.75	17.83	0.00
142	-0.50	18.00	0.00
143	1.83	19.83	0.00
144	2.08	21.92	0.00
145	2.50	24.42	0.00
146	3.00	27.42	0.00
147	3.00	30.42	0.00
148	2.75	33.17	0.00
149	3.17	36.33	0.00
150	3.00	39.33	0.00
151	3.00	42.33	0.00

ESTIMATED DEG. DAYS (O) FOR MAY/83 = 55.62

152	3.17	45.50	0.00
153	2.42	47.92	0.00
154	1.75	49.67	0.00
155	2.08	51.75	0.00
156	2.42	54.17	0.00
157	2.67	56.83	0.00
158	2.17	59.00	0.00
159	2.00	61.00	0.00
160	2.25	63.25	0.00
161	3.50	66.75	0.00
162	4.25	71.00	0.25
163	4.08	75.08	0.33
164	4.58	79.67	0.92
165	5.75	85.42	2.67
166	5.67	91.08	4.33
167	5.42	96.50	5.75
168	5.00	101.50	6.75
169	5.00	106.50	7.75
170	5.00	111.50	8.75
171	5.00	116.50	9.75
172	5.58	122.08	11.33
173	5.33	127.42	13.67
174	6.00	134.42	15.67
175	5.75	140.17	17.42
176	5.33	145.50	18.75
177	5.67	151.17	20.42
178	6.33	157.50	22.75

STOCK COVE NFLD ... CONTINUED

STATION 4C DEPTH 9.0 LATITUDE 48.71 LONGITUDE 53.75 START MAY 12, 1983 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (D)	DEG. DAY (A)
179	5.75	104.25	25.50
180	6.58	170.83	28.08
181	4.17	177.00	30.25

TOTAL DEG. DAYS (D) FOR JUNE/83 = 134.67

182	6.50	183.50	32.75
183	5.25	188.75	34.00
184	4.83	195.58	36.83
185	7.00	202.58	39.83
186	7.00	209.58	42.83
187	7.67	217.25	46.50
188	7.00	224.25	49.50
189	8.67	232.92	54.17
190	9.58	242.50	59.75
191	7.67	250.17	63.42
192	6.83	257.00	66.25
193	7.92	264.92	70.17
194	6.58	271.50	72.75
195	5.67	277.17	74.42
196	5.67	282.83	76.08
197	4.92	287.75	77.00
198	4.58	292.33	77.58
199	3.17	295.50	77.67
200	3.42	298.92	77.75
201	5.75	304.67	79.50
202	6.08	310.75	81.58
203	5.83	316.58	83.42
204	6.75	323.33	85.17
205	5.83	329.17	88.00
206	7.92	337.08	91.92
207	8.50	345.58	96.42
208	8.75	354.33	101.17
209	9.00	363.33	106.17
210	8.58	371.92	110.75
211	8.67	380.58	115.42
212	7.67	388.25	119.08

TOTAL DEG. DAYS (D) FOR JULY/83 = 211.25

213	9.00	397.25	124.08
214	8.58	405.83	128.67
215	8.50	414.33	133.17
216	9.33	423.67	138.50
217	10.50	434.17	145.00
218	9.50	443.67	150.50
219	8.50	452.17	155.00
220	8.67	460.83	159.67
221	9.42	470.25	165.08
222	9.17	479.42	170.25

STOCK COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
AC	9.0	48.71	53.76	MAY 12, 1983 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
223	9.08	488.50	175.33
224	11.42	499.92	182.75
225	13.00	511.92	190.75
226	11.08	523.00	197.83
227	11.00	534.00	204.83
228	11.75	545.75	212.58
229	12.00	557.75	220.58
230	12.25	570.00	228.83
231	12.13	582.12	236.96

ESTIMATED DEG. DAYS (0) FOR AUG/83 = 316.32

STOCK COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
40	9.0	48.71	53.76	MAY 12, 1983 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
132	2.50	2.50	0.00
133	2.08	4.58	0.00
134	2.50	7.08	0.00
135	2.50	9.58	0.00
136	2.58	12.17	0.00
137	2.50	14.67	0.00
138	2.58	17.25	0.00
139	2.92	20.17	0.00
140	2.33	22.50	0.00
141	1.33	23.83	0.00
142	0.17	24.33	0.00
143	2.83	27.17	0.00
144	3.00	30.17	0.00
145	3.00	33.17	0.00
146	3.50	36.67	0.00
147	3.50	40.17	0.00
148	3.17	43.33	0.00
149	3.75	47.08	0.00
150	3.75	50.83	0.00
151	3.67	54.50	0.00

ESTIMATED DEG. DAYS (0) FOR MAY/83 = 84.48

152	3.92	58.42	0.00
153	3.00	61.42	0.00
154	2.33	63.75	0.00
155	2.75	66.50	0.00
156	2.92	69.42	0.00
157	3.25	72.67	0.00
158	3.00	75.67	0.00
159	2.83	78.50	0.00
160	3.08	81.58	0.00
161	4.33	85.92	0.33
162	5.00	90.92	1.33
163	5.00	95.92	2.33
164	5.42	101.33	3.75
165	5.42	107.75	6.17
166	6.50	114.25	8.67
167	5.42	120.67	11.08
168	6.00	126.67	13.08
169	6.00	132.67	15.08
170	6.00	138.67	17.08
171	6.00	144.67	19.08
172	6.42	151.08	21.50
173	7.17	158.25	24.67
174	6.83	165.08	27.50
175	6.25	171.33	29.75
176	6.17	177.50	31.92
177	5.42	183.92	34.33
178	7.08	191.00	37.42

STOCK COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
60	9.0	48.71	53.76	MAY 12, 1983 0000 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
179	7.17	198.17	40.58
180	6.75	204.92	43.33
181	6.17	211.08	45.50
TOTAL	DEG. DAYS (C) FOR JUNE/83 =	156.58	
182	7.25	218.33	48.75
183	6.17	224.50	50.92
184	7.42	231.92	54.33
185	7.67	239.58	58.00
186	7.50	247.08	61.50
187	8.00	255.08	65.50
188	7.33	262.42	68.83
189	9.08	271.50	73.92
190	9.92	281.42	79.83
191	8.17	289.58	84.00
192	7.42	297.00	87.42
193	7.83	304.83	91.25
194	6.83	311.67	94.08
195	6.08	317.75	96.17
196	6.17	323.92	98.33
197	5.17	329.08	99.50
198	5.33	334.42	100.83
199	3.83	338.25	101.17
200	3.83	342.08	101.33
201	6.33	348.42	103.67
202	6.17	354.58	105.83
203	6.33	360.92	108.17
204	7.17	368.08	111.33
205	6.17	374.25	113.50
206	8.58	382.83	118.08
207	9.00	391.83	123.08
208	9.17	401.00	128.25
209	9.50	410.50	133.75
210	9.00	419.50	138.75
211	9.08	428.58	143.83
212	7.83	436.42	147.67
TOTAL	DEG. DAYS (C) FOR JULY/83 =	225.33	
213	9.42	445.83	153.08
214	9.17	455.00	158.25
215	8.17	464.17	163.42
216	10.08	474.25	169.50
217	11.00	485.25	174.50
218	10.08	495.33	182.58
219	8.83	504.17	187.42
220	9.08	513.25	192.50
221	10.08	523.33	198.58
222	9.83	533.17	204.42

STOCK COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
60	9.0	48.71	53.75	MAY 12, 1983 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
223	9.58	542.75	210.00
224	11.58	554.33	217.58
225	12.00	566.33	225.58
226	12.00	578.33	233.58
227	12.00	590.33	241.58
228	12.00	602.33	249.58
229	12.00	614.33	257.58
230	12.50	626.83	266.08
231	13.00	639.83	275.08

ESTIMATED DEG. DAYS (C) FOR AUG/83 = 331.89

STOCK COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
4E	9.0	48.71	53.76	AUG 19, 1983 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
231	12.00	12.00	8.00
232	11.58	23.58	15.58
233	11.92	35.50	23.50
234	11.67	47.17	31.17
235	11.50	58.67	38.67
236	11.08	69.75	45.75
237	11.08	80.83	52.83
238	10.83	91.67	59.67
239	10.75	102.42	66.42
240	11.00	113.42	73.42
241	11.00	124.42	80.42
242	11.00	135.42	87.42
243	11.00	146.42	94.42

ESTIMATED DEG. DAYS (0) FOR AUG/83 = 349.15

244	11.00	157.42	101.42
245	11.00	168.42	108.42
246	11.00	179.42	115.42
247	11.00	190.42	122.42
248	11.00	201.42	129.42
249	11.00	212.42	136.42
250	11.00	223.42	143.42
251	10.75	234.17	150.17
252	10.58	244.75	156.75
253	11.00	255.75	163.75
254	11.00	266.75	170.75
255	10.83	277.58	177.58
256	11.50	289.08	185.08
257	11.08	300.17	192.17
258	11.25	311.42	199.42
259	11.17	322.58	206.58
260	11.00	333.58	213.58
261	11.00	344.58	220.58
262	11.00	355.58	227.58
263	10.67	366.25	234.25
264	11.00	377.25	241.25
265	11.00	388.25	248.25
266	10.67	398.92	254.92
267	10.58	409.50	261.50
268	11.50	421.00	269.00
269	11.50	432.50	276.50
270	11.08	443.58	283.58
271	11.00	454.58	290.58
272	11.00	465.58	297.58
273	11.00	476.58	304.58

TOTAL DEG. DAYS (0) FOR SEPT/83 = 330.17

274	11.00	487.58	311.58

STOCK COVE WELD ... CONTINUED

STATION 42	DEPTH 9.m	LATITUDE 49.71	LONGITUDE 53.75	START AUG 19, 1983 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
275	11.00	498.58	318.58
276	11.00	509.58	325.58
277	11.00	520.58	332.58
278	11.00	531.58	339.58
279	10.58	542.17	344.17
280	10.00	552.17	352.17
281	10.00	562.17	358.17
282	10.00	572.17	364.17
283	10.00	582.17	370.17
284	10.00	592.17	376.17
285	10.00	602.17	382.17
286	10.00	612.17	388.17
287	10.00	622.17	394.17
288	10.00	632.17	400.17
289	10.00	642.17	406.17
290	10.00	652.17	412.17
291	9.33	661.50	417.50
292	9.00	670.50	422.50
293	9.00	679.50	427.50
294	9.00	688.50	432.50
295	9.00	697.50	437.50
296	8.83	706.33	442.33
297	8.50	714.83	446.83
298	9.17	723.00	451.00
299	8.00	731.00	455.00
300	8.00	739.00	459.00
301	7.50	746.50	462.50
302	7.50	754.00	466.00
303	6.42	760.42	468.42
304	6.58	767.00	471.00

TOTAL DEG. DAYS (C) FOR OCT/83 = 290.42

305	6.50	773.50	473.50
306	6.08	779.58	475.58
307	6.00	785.58	477.58
308	6.00	791.58	479.58
309	6.00	797.58	481.58
310	6.00	803.58	483.58
311	6.00	809.58	485.58
312	6.00	815.58	487.58
313	6.00	821.58	489.58
314	6.00	827.58	491.58
315	6.00	833.58	493.58
316	6.00	839.58	495.58
317	4.92	844.50	497.50
318	4.50	849.00	499.00
319	4.25	853.25	499.25
320	4.00	857.25	499.25
321	4.00	861.25	499.25

STOCK COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
6F	9.0	48.71	53.76	AUG 19, 1983 1410U GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
322	4.00	860.25	492.25
323	3.75	864.00	492.25
324	3.50	867.50	492.25
325	3.50	871.00	492.25
326	3.42	874.42	492.25
327	3.00	877.42	492.25
328	3.00	880.42	492.25
329	3.00	883.42	492.25
330	3.00	886.42	492.25
331	3.00	889.42	492.25
332	3.00	892.42	492.25
333	3.00	895.42	492.25
334	2.83	898.25	492.25

TOTAL DEG. DAYS (C) FOR NOV/83 = 131.25

335	2.50	900.75	492.25
336	2.50	903.25	492.25
337	2.50	905.75	492.25
338	2.50	908.25	492.25
339	2.00	910.25	492.25
340	2.00	912.25	492.25

STOCK COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
AE	9.0	48.71	53.76	AUG 19, 1983 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
231	12.00	12.00	8.00
232	12.00	24.00	16.00
233	12.00	36.00	24.00
234	11.67	47.67	31.67
235	11.58	59.25	39.25
236	11.17	70.42	46.42
237	11.17	81.58	53.58
238	11.00	92.58	60.58
239	11.00	103.58	67.58
240	11.00	114.58	74.58
241	11.00	125.58	81.58
242	11.00	136.58	88.58
243	11.00	147.58	95.58

ESTIMATED DEG. DAYS (0) FOR AUG/83 = 351.93

244	11.00	158.58	102.58
245	11.00	169.58	109.58
246	11.00	180.58	116.58
247	11.00	191.58	123.58
248	11.00	202.58	130.58
249	11.00	213.58	137.58
250	10.67	224.25	144.25
251	10.50	234.75	150.75
252	10.50	245.25	157.25
253	10.50	255.75	163.75
254	10.50	266.25	170.25
255	10.50	276.75	176.75
256	10.50	287.25	183.25
257	11.00	298.25	190.25
258	11.00	309.25	197.25
259	11.25	320.50	204.50
260	12.00	332.50	212.50
261	12.00	344.50	220.50

ESTIMATED DEG. DAYS (0) FOR SEPT/83 = 328.19

SALVAGE BAY NFLD.

STATION 71 DEPTH 1.[illegible] LATITUDE 48.48 LONGITUDE [illegible].25 JUNE [illegible] 1983 12:00 GMT START

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
152	5.00	5.00	1.00
153	4.67	9.67	1.67
154	3.67	13.33	1.33
155	3.17	16.50	1.00
156	3.67	20.17	1.33
157	4.25	24.42	2.17
158	5.50	29.92	3.67
159	4.50	34.42	4.17
160	4.75	39.17	4.33
161	5.67	44.83	4.58
162	5.00	49.83	5.58
163	5.50	55.33	10.58
164	6.50	61.83	13.08
165	6.33	69.67	15.42
166	6.00	75.67	17.42
167	6.00	81.67	19.42
168	5.58	87.25	21.00
169	5.58	92.83	22.58
170	6.25	99.08	24.83
171	7.17	106.25	28.00
172	8.17	114.42	32.17
173	8.08	122.50	36.25
174	7.67	130.17	39.92
175	7.42	137.58	43.33
176	7.08	144.67	46.42
177	8.25	152.92	50.67
178	9.33	162.25	56.00
179	9.50	171.75	61.50
180	9.50	181.25	67.00
181	9.33	190.58	72.33

TOTAL DEG. DAYS (0) FOR JUNE/83 = 190.58

182	10.00	200.58	78.33
183	8.75	209.33	83.08
184	8.83	218.17	87.92
185	9.25	227.42	93.17
186	9.33	236.75	98.50
187	9.92	246.67	104.42
188	10.33	257.00	110.75
189	10.92	267.92	117.67
190	11.50	279.42	125.17
191	11.42	290.83	132.59
192	10.17	301.00	138.75
193	11.83	312.83	146.58
194	13.08	325.92	155.67
195	11.50	337.42	163.17
196	14.25	351.67	173.42
197	11.50	363.17	180.92
198	10.25	373.42	187.17

SALVAGE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
7A	1.0	48.48	53.65	JUNE 1, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
199	6.25	379.67	189.67
200	5.42	385.08	191.17
201	8.75	393.83	195.92
202	10.67	404.50	202.58
203	8.42	412.92	207.00
204	9.83	422.75	212.83
205	6.67	429.42	215.50
206	9.17	438.58	220.67
207	10.67	449.25	227.33
208	10.08	459.33	233.42
209	10.08	469.42	239.50
210	10.00	479.42	245.50
211	9.92	489.33	251.42
212	9.33	498.67	256.75

TOTAL DEG. DAYS (0) FOR JULY/83 = 308.08

213	10.92	509.58	263.67
214	10.92	520.50	270.58
215	10.33	530.83	276.92
216	11.00	541.83	283.92
217	11.08	552.92	291.00
218	11.17	564.08	298.17
219	10.75	574.83	304.92
220	11.08	585.92	312.00
221	12.00	597.92	320.00
222	12.17	610.08	328.17
223	12.67	622.75	336.83
224	12.33	635.08	345.17
225	12.83	647.92	354.00
226	12.67	660.58	362.67
227	12.67	673.25	371.33
228	12.92	686.17	380.25
229	14.08	700.25	390.33
230	13.42	713.67	399.75
231	13.00	726.67	408.75
232	13.00	739.67	417.75
233	13.00	752.67	426.75
234	12.25	764.92	435.00
235	12.00	776.92	443.00
236	11.67	788.58	450.67
237	11.67	800.25	458.33
238	11.50	811.75	465.83
239	11.75	823.50	473.58
240	12.00	835.50	481.58
241	11.67	847.17	489.25
242	11.67	858.83	496.92
243	11.50	870.33	504.42

TOTAL DEG. DAYS (0) FOR AUG/83 = 371.67

SALVAGE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
7A	1.0	48.68	53.65	JUNE 1, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
244	11.50	881.83	511.92
245	11.42	893.25	519.33
246	11.00	904.25	526.33
247	11.08	915.33	533.42
248	11.50	926.83	540.92
249	11.75	938.58	548.67
250	12.00	950.58	556.67
251	12.00	962.58	564.67
252	11.83	974.42	572.50
253	12.00	986.42	580.50
254	12.00	998.42	588.50
255	12.00	1010.42	596.50
256	12.00	1022.42	604.50
257	12.00	1034.42	612.50
258	12.00	1046.42	620.50
259	12.00	1058.42	628.50
260	11.75	1070.17	636.25
261	11.50	1081.67	643.75
262	11.50	1093.17	651.25
263	11.25	1104.42	658.50
264	11.42	1115.83	665.92
265	11.75	1127.58	673.67
266	12.08	1139.67	681.75
267	12.00	1151.67	689.75
268	12.00	1163.67	697.75
269	12.00	1175.67	705.75
270	12.00	1187.67	713.75
271	12.00	1199.67	721.75
272	11.75	1211.42	729.50
273	11.50	1222.92	737.00

TOTAL DEG. DAYS (0) FOR SEPT/83 = 352.58

274	11.08	1234.00	744.08
275	11.00	1245.00	751.08
276	11.00	1256.00	758.08
277	11.00	1267.00	765.08
278	11.00	1278.00	772.08
279	11.00	1289.00	779.09
280	11.00	1300.00	786.08
281	11.00	1311.00	793.08
282	11.00	1322.00	800.08
283	11.00	1333.00	807.08
284	11.00	1344.00	814.08
285	10.67	1354.67	820.75
286	10.50	1365.17	827.25
287	10.50	1375.67	833.75
288	10.50	1386.17	840.25
289	10.50	1396.67	846.75
290	10.50	1407.17	853.25

SALVAGE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
7A	1.0	48.48	53.65	JUNE 1, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
291	10.50	1417.67	859.75

ESTIMATED DEG. DAYS (C) FOR OCT/83 = 335.40

SALVAGE BAY NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
78	10.0	48.69	53.45	JUNE 1, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
152	3.83	3.83	0.00
153	2.83	6.67	0.00
154	1.83	8.50	0.00
155	2.83	11.33	0.00
156	3.08	14.42	0.00
157	3.42	17.83	0.00
158	3.58	21.42	0.17
159	2.83	24.25	0.17
160	3.58	27.83	0.17
161	4.83	32.67	1.00
162	5.08	37.75	2.08
163	5.08	42.83	3.17
164	4.17	49.00	5.33
165	6.17	55.17	7.50
166	5.50	60.67	9.00
167	5.50	66.17	10.50
168	5.25	71.42	11.75
169	5.00	76.42	12.75
170	5.00	81.42	13.75
171	5.58	87.00	15.33
172	6.67	93.67	18.00
173	6.75	100.42	20.75
174	6.00	106.42	22.75
175	5.42	111.83	24.17
176	5.33	117.17	25.50
177	6.83	124.00	28.33
178	6.67	130.67	31.00
179	7.08	137.75	34.08
180	7.33	145.08	37.42
181	7.42	152.50	40.83

TOTAL DEG. DAYS (C) FOR JUNE/83 = 152.50

182	7.83	160.33	44.67
183	5.92	166.25	46.58
184	8.58	174.83	51.17
185	7.83	182.67	55.00
186	6.25	188.92	57.25
187	7.33	196.25	60.58
188	7.17	203.42	63.75
189	9.92	213.33	69.67
190	10.00	223.33	75.67
191	7.00	230.33	78.67
192	5.83	236.17	80.50
193	6.83	243.00	83.33
194	5.58	248.58	84.92
195	5.50	254.08	86.42
196	4.83	258.92	87.25
197	4.83	263.75	88.08
198	5.17	268.92	89.25

SALVAGE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
79	10.0	48.68	53.65	JUNE 29 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
199	2.83	271.75	89.25
200	4.17	275.92	89.75
201	6.83	282.75	92.58
202	5.58	288.33	94.17
203	5.17	293.50	95.33
204	5.67	299.17	97.00
205	5.17	304.33	98.17
206	7.58	311.92	101.75
207	9.75	321.67	107.50
208	9.17	330.83	112.67
209	9.50	340.33	118.17
210	8.92	349.25	123.08
211	8.67	357.92	127.75
212	7.75	365.67	131.50

TOTAL DEG. DAYS (C) FOR JULY/83 = 213.17

213	10.25	375.92	137.75
214	9.50	385.42	143.25
215	8.92	394.33	148.17
216	10.00	404.33	154.17
217	10.42	414.75	160.58
218	9.92	424.67	166.50
219	8.67	433.33	171.17
220	9.08	442.42	176.25
221	10.42	452.83	182.67
222	11.08	463.92	189.75
223	10.83	474.75	196.58
224	11.83	486.58	204.42
225	12.42	499.00	212.83
226	12.00	511.00	220.83
227	11.67	522.67	228.50
228	11.83	534.50	236.33
229	12.42	546.92	244.75
230	12.33	559.25	253.08
231	12.33	571.58	261.42
232	12.00	583.58	269.42
233	12.00	595.58	277.42
234	10.92	606.50	284.33
235	11.00	617.50	291.33
236	11.00	628.50	298.33
237	11.00	639.50	305.33
238	10.83	650.33	312.17
239	11.00	661.33	319.17
240	11.42	672.75	326.58
241	11.50	684.25	334.08
242	11.25	695.50	341.33
243	11.00	706.50	348.33

TOTAL DEG. DAYS (C) FOR AUG/83 = 340.83

SALVAGE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
7B	10.0	48.48	53.65	JUNE 1, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
244	11.00	717.50	355.33
245	11.00	728.50	362.33
246	11.00	739.50	369.33
247	11.00	750.50	376.33
248	11.00	761.50	383.33
249	11.08	772.58	390.42
250	11.42	784.00	397.33
251	11.00	795.00	404.33
252	11.00	806.00	411.33
253	11.50	817.50	419.33
254	11.50	829.00	426.83
255	11.25	840.25	434.08
256	11.17	851.42	441.25
257	11.75	863.17	449.00
258	11.50	874.67	456.50
259	11.50	886.17	464.00
260	11.25	897.42	471.25
261	11.00	908.42	478.25
262	11.00	919.42	485.25
263	10.67	930.08	491.92
264	11.00	941.08	498.92
265	11.00	952.08	505.92
266	10.92	963.00	512.83
267	10.92	973.92	519.75
268	11.50	985.42	527.25
269	11.50	996.92	534.75
270	11.50	1008.42	542.25
271	11.50	1019.92	549.75
272	11.50	1031.42	557.25
273	11.50	1042.92	564.75

TOTAL DEG. DAYS (0) FOR SEPT/83 = 336.42

274	11.00	1053.92	571.75
275	11.00	1064.92	578.75
276	11.00	1075.92	585.75
277	11.00	1086.92	592.75
278	11.00	1097.92	599.75
279	11.00	1108.92	606.75
280	10.58	1119.50	613.33
281	10.50	1130.00	619.83
282	10.50	1140.50	626.33
283	10.50	1151.00	632.83
284	10.42	1161.42	639.25
285	10.00	1171.42	645.25
286	10.00	1181.42	651.25
287	10.00	1191.42	657.25
288	10.00	1201.42	663.25
289	10.00	1211.42	669.25
290	10.00	1221.42	675.25

SALVAGE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
7B	10.0	48.68	53.65	JUNE 1, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
291	10.00	1231.42	681.25

ESTIMATED DEG. DAYS (0) FOR OCT/83 = 324.64

SALVAGE BAY NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
7C	1.0	48.68	53.65	OCT 18, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
291	8.75	8.75	4.75
292	9.00	17.75	9.75
293	9.00	26.75	14.75
294	9.00	35.75	19.75
295	8.67	44.42	24.42
296	8.25	52.67	28.67
297	8.00	60.67	32.67
298	8.00	68.67	36.67
299	7.75	76.42	40.42
300	7.50	83.92	43.92
301	7.00	90.92	46.92
302	7.00	97.92	49.92
303	6.75	104.67	52.67
304	7.00	111.67	55.67

ESTIMATED DEG. DAYS (0) FOR OCT/83 = 247.24

305	6.58	118.25	58.25
306	6.08	124.33	60.33
307	6.00	130.33	62.33
308	6.00	136.33	64.33
309	6.00	142.33	66.33
310	6.00	148.33	68.33
311	6.00	154.33	70.33
312	5.42	159.75	71.75
313	5.00	164.75	72.75
314	5.00	169.75	73.75
315	5.00	174.75	74.75
316	5.00	179.75	75.75
317	5.00	184.75	76.75
318	4.25	189.00	77.00
319	4.00	193.00	77.00
320	4.00	197.00	77.00
321	4.00	201.00	77.00
322	4.00	205.00	77.00
323	4.00	209.00	77.00
324	3.58	212.58	77.00
325	3.50	216.08	77.00
326	3.33	219.42	77.00
327	3.00	222.42	77.00
328	3.00	225.42	77.00
329	3.00	228.42	77.00
330	3.00	231.42	77.00
331	3.00	234.42	77.00
332	3.00	237.42	77.00
333	3.00	240.42	77.00
334	2.75	243.17	77.00

TOTAL DEG. DAYS (0) FOR NOV/83 = 131.50

SALVAGE BAY NFLD. ... CONTINUED

STATION 7C DEPTH 1.0 LATITUDE 48.68 LONGITUDE 53.65 START OCT 1ST, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
335	2.08	245.25	77.00
336	2.00	247.25	77.00
337	2.00	249.25	77.00
338	2.00	251.25	77.00
339	2.00	253.25	77.00
340	1.92	255.17	77.00
341	1.50	256.67	77.00
342	1.50	258.17	77.00
343	1.17	259.33	77.00
344	1.00	260.33	77.00
345	1.00	261.33	77.00
346	1.00	262.33	77.00
347	1.00	263.33	77.00
348	1.00	264.33	77.00
349	0.58	264.92	77.00
350	0.75	265.67	77.00
351	1.00	266.67	77.00
352	0.50	267.17	77.00
353	0.50	267.67	77.00
354	0.08	267.75	77.00
355	0.00	267.75	77.00
356	0.00	267.75	77.00
357	0.00	267.75	77.00
358	-0.33	267.75	77.00
359	-0.92	267.75	77.00
360	-1.00	267.75	77.00
361	-1.00	267.75	77.00
362	-1.00	267.75	77.00
363	-1.00	267.75	77.00
364	-0.58	267.75	77.00
365	-0.75	267.75	77.00

TOTAL DEG. DAYS (C) FOR DEC/83 = 24.59

1	-1.00	267.75	77.00
2	-1.00	267.75	77.00

SALVAGE BAY NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
70	10.0	49.68	53.65	OCT 18, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (A)
291	9.00	9.00	5.00
292	8.50	17.50	9.50
293	9.00	26.50	14.50
294	9.00	35.50	19.50
295	8.67	44.17	24.17
296	8.25	52.42	28.42
297	8.00	60.42	32.42
298	8.00	68.42	36.42
299	7.50	75.92	39.92
300	7.17	83.08	43.09
301	7.00	90.08	46.08
302	7.00	97.08	49.08
303	6.17	103.25	51.25
304	6.67	109.92	53.92

ESTIMATED DEG. DAYS (O) FOR OCT/83 = 243.39

305	6.08	116.00	56.00
306	6.00	122.00	58.00
307	6.00	128.00	60.00
308	6.00	134.00	62.00
309	6.00	140.00	64.00
310	6.00	146.00	66.00
311	6.00	152.00	68.00
312	5.08	157.08	69.08
313	4.92	162.00	70.00
314	5.00	167.00	71.00
315	5.00	172.00	72.00
316	5.00	177.00	73.00
317	4.42	181.42	73.42
318	4.08	185.50	73.50
319	4.17	189.67	73.67
320	4.00	193.67	73.67
321	4.00	197.67	73.67
322	3.83	201.50	73.67
323	3.17	204.67	73.67
324	3.00	207.67	73.67
325	3.00	210.67	73.67
326	3.00	213.67	73.67
327	3.00	216.67	73.67
328	3.00	219.67	73.67
329	3.00	222.67	73.67
330	3.00	225.67	73.67
331	2.50	228.17	73.67
332	2.50	230.67	73.67
333	2.33	233.00	73.67
334	2.00	235.00	73.67

TOTAL DEG. DAYS (O) FOR NOV/83 = 125.08

SALVAGE BAY NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
70	10.0	48.68	53.65	OCT 18, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
335	2.00	237.00	73.67
336	2.00	239.00	73.67
337	2.00	241.00	73.67
338	2.00	243.00	73.67
339	2.00	245.00	73.67
340	1.75	246.75	73.67
341	1.50	248.25	73.67
342	1.33	249.58	73.67
343	1.00	250.58	73.67
344	1.00	251.58	73.67
345	1.00	252.58	73.67
346	1.00	253.58	73.67
347	0.83	254.42	73.67
348	0.50	254.92	73.67
349	0.50	255.42	73.67
350	0.50	255.92	73.67
351	0.50	256.42	73.67
352	0.50	256.92	73.67
353	0.50	257.42	73.67
354	0.00	257.42	73.67
355	0.00	257.42	73.67
356	0.08	257.50	73.67
357	0.50	258.00	73.67
358	0.50	258.50	73.67
359	-1.00	258.50	73.67
360	-1.00	258.50	73.67
361	-1.00	258.50	73.67
362	-1.00	258.50	73.67
363	-1.00	258.50	73.67
364	-1.00	258.50	73.67
365	-1.00	258.50	73.67
TOTAL	DEG. DAYS (C) FOR DEC/83 =	23.50	
1	-1.00	258.50	73.67
2	-1.00	258.50	73.67

TERRA NOVA NATIONAL PARK NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
BA	10.0	48.47	53.93	DEC 8, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
342	1.00	1.00	0.00
343	1.00	2.00	0.00
344	1.00	3.00	0.00
345	1.00	4.00	0.00
346	1.00	5.00	0.00
347	0.92	5.92	0.00
348	0.50	6.42	0.00
349	0.50	6.92	0.00
350	0.50	7.42	0.00
351	0.58	8.00	0.00
352	1.00	9.00	0.00
353	0.92	9.92	0.00
354	0.50	10.42	0.00
355	0.50	10.92	0.00
356	0.50	11.42	0.00
357	0.50	11.92	0.00
358	0.58	12.50	0.00
359	0.00	12.50	0.00
360	0.00	12.50	0.00
361	0.42	12.92	0.00
362	0.67	13.58	0.00
363	0.33	13.92	0.00
364	0.00	13.92	0.00
365	0.00	13.92	0.00

ESTIMATED DEG. DAYS (C) FOR DEC/82 = 17.98

1	0.00	13.92	0.00
2	0.00	13.92	0.00
3	0.00	13.92	0.00
4	0.00	13.92	0.00
5	0.00	13.92	0.00
6	0.00	13.92	0.00
7	0.00	13.92	0.00
8	-0.58	13.92	0.00
9	-1.00	13.92	0.00
10	-0.67	13.92	0.00
11	-0.42	13.92	0.00
12	0.00	13.92	0.00
13	0.00	13.92	0.00
14	0.00	13.92	0.00
15	0.00	13.92	0.00
16	0.00	13.92	0.00
17	0.00	13.92	0.00
18	0.00	13.92	0.00
19	0.00	13.92	0.00
20	0.00	13.92	0.00
21	-0.17	13.92	0.00
22	-0.50	13.92	0.00
23	-0.50	13.92	0.00

TERRA NOVA NATTONAL PARK NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
8A	10.0	48.47	53.93	DEC 8, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
24	-0.25	13.92	0.00
25	0.00	13.92	0.00
26	0.00	13.92	0.00
27	0.00	13.92	0.00
28	0.00	13.92	0.00
29	0.00	13.92	0.00
30	-0.50	13.92	0.00
31	-1.00	13.92	0.00
TOTAL DEG. DAYS (C) FOR JAN/83 =		0.00	
32	-1.00	13.92	0.00
33	-1.00	13.92	0.00
34	-1.00	13.92	0.00
35	-1.00	13.92	0.00
36	-1.00	13.92	0.00
37	-1.00	13.92	0.00
38	-0.67	13.92	0.00
39	-0.83	13.92	0.00
40	-1.00	13.92	0.00
41	-1.00	13.92	0.00
42	-1.00	13.92	0.00
43	-0.67	13.92	0.00
44	-0.83	13.92	0.00
45	-1.00	13.92	0.00
46	-1.00	13.92	0.00
47	-1.00	13.92	0.00
48	-1.00	13.92	0.00
49	-1.00	13.92	0.00
50	-1.00	13.92	0.00
51	-1.00	13.92	0.00
52	-1.00	13.92	0.00
53	-1.00	13.92	0.00
54	-1.00	13.92	0.00
55	-1.00	13.92	0.00
56	-1.00	13.92	0.00
57	-1.00	13.92	0.00
58	-1.00	13.92	0.00
59	-1.00	13.92	0.00
TOTAL DEG. DAYS (C) FOR FEB/83 =		0.00	
60	-1.50	13.92	0.00
61	-1.50	13.92	0.00
62	-1.50	13.92	0.00
63	-1.50	13.92	0.00
64	-1.50	13.92	0.00
65	-1.50	13.92	0.00
66	-1.17	13.92	0.00
67	-1.00	13.92	0.00

TERRA NOVA NATIONAL PARK NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
88	10.0	48.47	53.93	DEC 9, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
68	-1.67	13.92	0.00
69	-2.00	13.92	0.00
70	-2.00	13.92	0.00
71	-2.00	13.92	0.00
72	-2.00	13.92	0.00
73	-2.00	13.92	0.00
74	-1.92	13.92	0.00
75	-1.00	13.92	0.00
76	-1.00	13.92	0.00
77	-1.42	13.92	0.00
78	-1.50	13.92	0.00
79	-1.50	13.92	0.00
80	-1.00	13.92	0.00
81	-1.00	13.92	0.00
82	-1.00	13.92	0.00
83	-1.00	13.92	0.00
84	-1.00	13.92	0.00
85	-1.00	13.92	0.00
86	-1.00	13.92	0.00
87	-1.08	13.92	0.00
88	-1.75	13.92	0.00
89	-2.00	13.92	0.00
90	-2.00	13.92	0.00

TOTAL DEG. DAYS (0) FOR MAR/83 = 0.00

91	-1.58	13.92	0.00
92	-1.50	13.92	0.00
93	-1.17	13.92	0.00
94	-1.00	13.92	0.00
95	-1.00	13.92	0.00
96	-1.00	13.92	0.00
97	-1.00	13.92	0.00
98	-0.67	13.92	0.00
99	-1.00	13.92	0.00
100	-1.00	13.92	0.00
101	-1.00	13.92	0.00
102	-1.00	13.92	0.00
103	-1.00	13.92	0.00
104	-1.00	13.92	0.00
105	-1.00	13.92	0.00
106	-1.00	13.92	0.00
107	-1.00	13.92	0.00
108	-0.25	14.17	0.00
109	-0.83	14.17	0.00
110	-0.17	14.17	0.00
111	0.00	14.17	0.00
112	-1.00	14.17	0.00
113	-1.00	14.17	0.00
114	-1.00	14.17	0.00

TERRA NOVA NATIONAL PARK NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
8A	10.0	48.47	53.93	DEC 8, 1992 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
115	-0.75	14.17	0.00
116	-0.08	14.33	0.00
117	-1.00	14.33	0.00
118	-1.00	14.33	0.00
119	-1.00	14.33	0.00
120	-1.00	14.33	0.00
TOTAL DEG. DAYS (0) FOR APR/83 =		0.42	
121	-1.00	14.33	0.00
122	-1.17	14.33	0.00
123	-1.33	14.33	0.00
124	-0.70	14.33	0.00

TERRA NOVA N. PARK NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
98	20.0	48.47	53.93	DEC 8, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
342	2.00	2.00	0.00
343	2.00	4.00	0.00
344	2.00	6.00	0.00
345	2.00	8.00	0.00
346	2.00	10.00	0.00
347	2.00	12.00	0.00
348	1.92	13.92	0.00
349	1.50	15.42	0.00
350	1.67	17.08	0.00
351	2.00	19.08	0.00
352	2.00	21.08	0.00
353	1.92	23.00	0.00
354	1.50	24.50	0.00
355	1.50	26.00	0.00
356	1.50	27.50	0.00
357	1.83	29.33	0.00
358	1.92	31.25	0.00
359	1.58	32.83	0.00
360	2.00	34.83	0.00
361	2.00	36.83	0.00
362	1.50	38.33	0.00
363	1.00	39.33	0.00
364	1.00	40.33	0.00
365	1.00	41.33	0.00

ESTIMATED DEG. DAYS (0) FOR DEC/82 = 53.39

1	1.00	42.33	0.00
2	1.00	43.33	0.00
3	1.00	44.33	0.00
4	1.00	45.33	0.00
5	1.00	46.33	0.00
6	1.00	47.33	0.00
7	1.00	48.33	0.00
8	0.58	48.92	0.00
9	0.50	49.42	0.00
10	0.92	50.33	0.00
11	1.00	51.33	0.00
12	1.00	52.33	0.00
13	1.00	53.33	0.00
14	1.00	54.33	0.00
15	1.00	55.33	0.00
16	1.00	56.33	0.00
17	1.00	57.33	0.00
18	1.00	58.33	0.00
19	1.00	59.33	0.00
20	1.00	60.33	0.00
21	1.00	61.33	0.00
22	1.00	62.33	0.00
23	1.00	63.33	0.00

TERRA NOVA N. PARK NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
83	20.0	48.47	53.93	DEC 8, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
24	1.00	64.33	0.00
25	1.00	65.33	0.00
26	1.00	66.33	0.00
27	1.00	67.33	0.00
28	1.00	68.33	0.00
29	1.00	69.33	0.00
30	0.17	69.50	0.00
31	0.00	69.50	0.00
TOTAL	DEG. DAYS (C) FOR JAN/83 =	28.17	
32	0.00	69.50	0.00
33	0.00	69.50	0.00
34	0.00	69.50	0.00
35	0.25	69.75	0.00
36	0.50	70.25	0.00
37	0.50	70.75	0.00
38	0.25	71.00	0.00
39	0.00	71.00	0.00
40	0.17	71.17	0.00
41	0.50	71.67	0.00
42	0.33	72.00	0.00
43	0.00	72.00	0.00
44	0.00	72.00	0.00
45	0.00	72.00	0.00
46	0.00	72.00	0.00
47	0.00	72.00	0.00
48	0.00	72.00	0.00
49	0.00	72.00	0.00
50	0.00	72.00	0.00
51	0.00	72.00	0.00
52	0.00	72.00	0.00
53	0.00	72.00	0.00
54	0.00	72.00	0.00
55	-0.33	72.00	0.00
56	-0.50	72.00	0.00
57	-0.17	72.00	0.00
58	0.00	72.00	0.00
59	0.00	72.00	0.00
TOTAL	DEG. DAYS (C) FOR FEB/83 =	2.50	
60	0.00	72.00	0.00
61	0.00	72.00	0.00
62	0.00	72.00	0.00
63	-0.50	72.00	0.00
64	-0.50	72.00	0.00
65	-0.50	72.00	0.00
66	-0.08	72.00	0.00
67	0.00	72.00	0.00

TERRA NOVA N. PARK NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
98	20.0	48.47	53.93	DEC 9, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
68	0.00	72.00	0.00
69	-0.08	72.00	0.00
70	-0.50	72.00	0.00
71	-0.08	72.00	0.00
72	0.00	72.00	0.00
73	0.00	72.00	0.00
74	0.00	72.00	0.00
75	0.00	72.00	0.00
76	0.00	72.00	0.00
77	0.00	72.00	0.00
78	0.00	72.00	0.00
79	-0.42	72.00	0.00
80	-1.00	72.00	0.00
81	-0.67	72.00	0.00
82	-0.50	72.00	0.00
83	-0.50	72.00	0.00
84	-0.42	72.00	0.00
85	0.00	72.00	0.00
86	0.00	72.00	0.00
87	-0.25	72.00	0.00
88	-0.50	72.00	0.00
89	-0.42	72.00	0.00
90	-0.33	72.00	0.00

TOTAL DEG. DAYS (0) FOR MAR/83 = 0.00

91	-0.50	72.00	0.00
92	-0.50	72.00	0.00
93	-0.50	72.00	0.00
94	-0.50	72.00	0.00
95	-0.50	72.00	0.00
96	-0.50	72.00	0.00
97	-0.50	72.00	0.00
98	-0.50	72.00	0.00
99	-0.50	72.00	0.00
100	-0.50	72.00	0.00
101	-0.50	72.00	0.00
102	-0.50	72.00	0.00
103	-0.50	72.00	0.00
104	-0.50	72.00	0.00
105	-0.50	72.00	0.00
106	-0.33	72.00	0.00
107	0.00	72.00	0.00

ESTIMATED DEG. DAYS (0) FOR APR/83 = 0.00

TERRA NOVA NATTONAL PARK NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
8C	23.0	48.47	53.93	NOV 17, 1982 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
321	4.25	4.25	0.25
322	5.00	9.25	1.25
323	5.00	14.25	2.25
324	5.00	19.25	3.25
325	4.33	23.58	3.58
326	3.58	27.17	3.58
327	3.00	30.17	3.58
328	3.00	33.17	3.58
329	2.92	36.08	3.58
330	2.00	38.08	3.58
331	2.09	40.17	3.58
332	2.50	42.67	3.58
333	2.50	45.17	3.58
334	2.50	47.67	3.58

ESTIMATED DEG. DAYS (0) FOR NOV/82 = 102.14

335	2.08	49.75	3.58
336	2.00	51.75	3.58
337	2.00	53.75	3.58
338	2.00	55.75	3.58
339	2.00	57.75	3.58
340	2.00	59.75	3.58
341	2.00	61.75	3.58
342	2.00	63.75	3.58
343	2.00	65.75	3.58
344	2.00	67.75	3.58
345	2.00	69.75	3.58
346	2.00	71.75	3.58
347	2.00	73.75	3.58
348	1.75	75.50	3.58
349	1.50	77.00	3.58
350	1.50	78.50	3.58
351	1.50	80.00	3.58
352	1.50	81.50	3.58
353	1.50	83.00	3.58
354	1.08	84.08	3.58
355	1.00	85.08	3.58
356	1.42	86.50	3.58
357	1.50	88.00	3.58
358	1.50	89.50	3.58
359	1.50	91.00	3.58
360	1.50	92.50	3.58
361	1.08	93.58	3.58
362	1.00	94.58	3.58
363	1.00	95.58	3.58
364	1.00	96.58	3.58
365	1.00	97.58	3.58

TOTAL DEG. DAYS (0) FOR DEC/82 = 49.92

TERRA NOVA NATIONAL PARK NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
BC	33.0	48.47	53.93	NOV 17, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
1	1.00	98.58	3.58
2	1.00	99.58	3.58
3	1.00	100.58	3.58
4	0.58	101.17	3.58
5	0.58	101.75	3.58
6	1.00	102.75	3.58
7	1.00	103.75	3.58
8	0.17	103.92	3.58
9	0.00	103.92	3.58
10	0.00	103.92	3.58
11	0.25	104.17	3.58
12	0.50	104.67	3.58
13	0.50	105.17	3.58
14	0.50	105.67	3.58
15	0.50	106.17	3.58
16	0.50	106.67	3.58
17	0.50	107.17	3.58
18	0.08	107.25	3.58
19	0.00	107.25	3.58
20	0.00	107.25	3.58
21	0.00	107.25	3.58
22	0.00	107.25	3.58
23	0.00	107.25	3.58
24	0.00	107.25	3.58
25	0.00	107.25	3.58
26	0.00	107.25	3.58
27	0.00	107.25	3.58
28	0.00	107.25	3.58
29	0.00	107.25	3.58
30	-0.08	107.25	3.58
31	-0.83	107.25	3.58
TOTAL	DEG. DAYS (C) FOR JAN/83 =	9.67	
32	-1.00	107.25	3.58
33	-0.83	107.25	3.58
34	-0.50	107.25	3.58
35	-0.50	107.25	3.58
36	-0.50	107.25	3.58
37	0.00	107.25	3.58
38	0.00	107.25	3.58
39	0.00	107.25	3.58
40	-0.42	107.25	3.58
41	-0.33	107.25	3.58
42	0.00	107.25	3.58
43	0.00	107.25	3.58
44	-0.17	107.25	3.58
45	-0.83	107.25	3.58
46	-1.00	107.25	3.58
47	-1.00	107.25	3.58

TERRA NOVA NATIONAL PARK NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
BC	33.0	48.47	53.93	NOV 17, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (D)	DEG. DAY (4)
48	-1.00	107.25	3.58
49	-1.00	107.25	3.58
50	-1.00	107.25	3.58
51	-1.00	107.25	3.58
52	-1.00	107.25	3.58
53	-1.00	107.25	3.58
54	-1.00	107.25	3.58
55	-0.67	107.25	3.58
56	-0.50	107.25	3.58
57	-0.50	107.25	3.58
58	-1.00	107.25	3.58
59	-1.00	107.25	3.58
TOTAL DEG. DAYS (D) FOR FEB/83 =		0.00	
60	-0.58	107.25	3.58
61	-0.50	107.25	3.58
62	-0.50	107.25	3.58
63	-0.50	107.25	3.58
64	-0.50	107.25	3.58
65	-0.50	107.25	3.58
66	-0.50	107.25	3.58
67	-0.75	107.25	3.58
68	-1.42	107.25	3.58
69	-1.42	107.25	3.58
70	-1.00	107.25	3.58
71	-1.00	107.25	3.58
72	-1.00	107.25	3.58
73	-1.00	107.25	3.58
74	-1.00	107.25	3.58
75	-1.00	107.25	3.58
76	-1.00	107.25	3.58
77	-1.00	107.25	3.58
78	-1.00	107.25	3.58
79	-1.00	107.25	3.58
80	-1.00	107.25	3.58
81	-1.00	107.25	3.58
82	-1.00	107.25	3.58
83	-1.00	107.25	3.58
84	-1.00	107.25	3.58
85	-1.00	107.25	3.58
86	-1.00	107.25	3.58
87	-1.00	107.25	3.58
88	-1.00	107.25	3.58
89	-1.00	107.25	3.58
90	-1.00	107.25	3.58
TOTAL DEG. DAYS (D) FOR MAR/83 =		0.00	
91	-1.00	107.25	3.58

TERRA NOVA NATIONAL PARK NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
8C	33.0	48.47	53.93	NOV 17, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
92	-1.00	107.25	3.58
93	-1.00	107.25	3.58
94	-1.00	107.25	3.58
95	-1.00	107.25	3.58
96	-1.00	107.25	3.58
97	-1.08	107.25	3.58
98	-1.50	107.25	3.58
99	-1.25	107.25	3.58
100	-1.00	107.25	3.58
101	-1.00	107.25	3.58
102	-1.00	107.25	3.58
103	-1.00	107.25	3.58
104	-1.00	107.25	3.58
105	-1.00	107.25	3.58
106	-1.00	107.25	3.58
107	-1.00	107.25	3.58
108	-1.00	107.25	3.58
109	-1.00	107.25	3.58
110	-1.00	107.25	3.58
111	-1.00	107.25	3.58
112	-1.00	107.25	3.58
113	-1.00	107.25	3.58
114	-1.00	107.25	3.58
115	-1.00	107.25	3.58
116	-1.00	107.25	3.58
117	-1.00	107.25	3.58
118	-1.25	107.25	3.58
119	-1.50	107.25	3.58
120	-1.50	107.25	3.58
TOTAL	DEG. DAYS (0) FOR APR/83 =	0.00	
121	-1.50	107.25	3.58
122	-1.50	107.25	3.58
123	-1.50	107.25	3.58
124	-1.08	107.25	3.58
125	-1.00	107.25	3.58

TERRA NOVA NATIONAL PARK NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
8D	10.0	48.47	53.93	MAY 4, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
124	1.00	1.00	0.00
125	1.00	2.00	0.00
126	1.00	3.00	0.00
127	1.00	4.00	0.00
128	0.83	4.83	0.00
129	0.00	4.83	0.00
130	1.33	6.17	0.00
131	2.00	8.17	0.00
132	2.00	10.17	0.00
133	2.17	12.33	0.00
134	3.00	15.33	0.00
135	3.00	18.33	0.00
136	3.00	21.33	0.00
137	2.00	23.33	0.00
138	2.00	25.33	0.00
139	2.00	27.33	0.00
140	1.75	29.08	0.00
141	2.00	31.08	0.00
142	0.42	31.50	0.00
143	0.58	32.08	0.00
144	3.00	35.08	0.00
145	3.17	38.25	0.00
146	4.00	42.25	0.00
147	3.67	45.92	0.00
148	4.08	50.00	0.08
149	4.67	54.67	0.75
150	4.42	59.08	1.17
151	4.50	63.58	1.67

ESTIMATED DEG. DAYS (0) FOR MAY/83 = 70.40

152	4.92	68.50	2.58
153	4.42	72.92	3.00
154	3.42	76.33	3.08
155	2.00	78.33	3.08
156	2.67	81.00	3.08
157	3.17	84.17	3.08
158	4.00	88.17	3.08
159	3.08	91.25	3.08
160	2.33	93.58	3.08
161	2.42	96.00	3.08
162	3.92	99.92	3.08
163	4.42	104.33	3.50
164	5.33	109.67	4.83
165	5.17	115.83	7.00
166	5.67	122.50	9.67
167	6.50	129.00	12.17
168	6.50	135.50	14.67
169	6.50	142.00	17.17
170	6.83	148.83	20.00

TERRA NOVA NATIONAL PARK NFLD. ... CONTINUED

STATION 80 DEPTH 10.0 LATITUDE 48.47 LONGITUDE 53.93 START MAY 4, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
171	6.50	155.33	22.50
172	6.50	161.83	25.00
173	7.67	169.50	28.67
174	8.00	177.50	32.67
175	8.00	185.50	36.67
176	6.50	192.00	39.17
177	7.00	199.00	42.17
178	8.25	207.25	46.42
179	7.50	214.75	49.92
180	7.08	221.83	53.00
191	5.17	227.00	54.17
TOTAL	DEG. DAYS (0) FOR JUNE/83 =	163.42	
182	5.17	233.17	56.33
183	6.42	239.58	58.75
184	7.33	246.92	62.08
185	8.67	255.58	66.75
186	8.17	263.75	70.92
187	6.75	270.50	73.67
188	5.67	276.17	75.33
189	5.25	281.42	76.58
190	8.58	290.00	81.17
191	8.83	298.83	86.00
192	8.08	306.92	90.08
193	8.25	315.17	94.33
194	8.08	323.25	98.42
195	6.25	329.50	100.67
196	6.33	335.83	103.00
197	6.92	342.75	105.92
198	5.75	348.50	107.67
199	5.00	353.50	108.67
200	2.92	356.42	108.67
201	3.92	360.33	109.08
202	5.42	365.75	110.50
203	5.50	371.25	112.00
204	5.33	376.58	113.33
205	5.25	381.83	114.58
206	5.17	387.00	115.75
207	7.00	394.00	118.75
208	7.83	401.83	122.58
209	8.83	410.67	127.42
210	9.00	419.67	132.42
211	9.00	428.67	137.42
212	7.00	435.67	140.42
TOTAL	DEG. DAYS (0) FOR JULY/83 =	208.67	
213	7.92	443.58	144.33
214	9.00	452.58	149.33

TERRA NOVA NATIONAL PARK NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
80	10.0	48.47	53.93	MAY 4, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
215	9.17	460.75	153.50
216	7.67	468.42	157.17
217	9.58	478.00	162.75
218	10.00	488.00	168.75
219	8.50	496.50	173.25
220	6.00	502.50	175.25
221	6.83	509.33	178.08
222	5.58	514.92	179.67
223	6.00	520.92	181.67
224	6.92	527.83	184.58
225	11.00	538.83	191.58
226	11.00	549.83	198.58
227	10.83	560.67	205.42
228	8.75	569.42	210.17
229	10.17	579.58	216.33
230	10.58	590.17	222.92
231	12.00	602.17	230.92
232	12.42	614.58	239.33
233	12.50	627.08	247.83
234	10.75	637.83	254.58
235	11.83	649.67	262.42
236	12.00	661.67	270.42
237	12.00	673.67	278.42
238	11.92	685.58	286.33
239	10.83	696.42	293.17
240	11.58	708.00	300.75
241	12.00	720.00	308.75
242	12.00	732.00	316.75
243	12.00	744.00	324.75

TOTAL DEG. DAYS (0) FOR AUG/83 = 308.33

244	12.00	756.00	332.75
245	12.00	768.00	340.75
246	12.00	780.00	348.75
247	12.00	792.00	356.75
248	11.92	803.92	364.67
249	11.42	815.33	372.08
250	11.50	826.83	379.58
251	11.17	838.00	386.75
252	11.00	849.00	393.75
253	11.00	860.00	400.75
254	11.17	871.17	407.92
255	11.83	883.00	415.75
256	11.25	894.25	423.00
257	11.42	905.67	430.42
258	11.75	917.42	438.17
259	12.00	929.42	446.17
260	12.00	941.42	454.17
261	11.92	953.33	462.08

TERRA NOVA NATIONAL PARK NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
80	10.0	48.47	53.93	MAY 4, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
262	11.50	964.83	469.58
263	11.42	976.25	477.00
264	11.00	987.25	484.00
265	11.00	998.25	491.00
266	11.42	1009.67	498.42
267	11.08	1020.75	505.50
268	12.00	1032.75	513.50
269	12.00	1044.75	521.50
270	12.00	1056.75	529.50
271	11.58	1068.33	537.08
272	11.75	1080.08	544.83
273	12.00	1092.08	552.83
TOTAL	DEG. DAYS (0) FOR SEPT/83 =	348.08	
274	11.58	1103.67	560.42
275	11.50	1115.17	567.92
276	11.50	1126.67	575.42
277	11.25	1137.92	582.67
278	11.00	1148.92	589.67
279	11.00	1159.92	596.67
280	11.00	1170.92	603.67
281	11.00	1181.92	610.67
282	11.00	1192.92	617.67
283	11.00	1203.92	624.67
284	11.00	1214.92	631.67
285	10.83	1225.75	638.50
286	10.50	1236.25	645.00
287	16.67	1252.92	657.67
288	17.17	1270.08	670.83
289	17.50	1287.58	684.33
290	17.33	1304.92	697.67
291	18.17	1323.08	711.83
292	18.83	1341.92	726.67
293	19.33	1361.25	742.00
294	20.08	1381.33	758.08
295	18.83	1400.17	772.92
296	17.83	1418.00	786.75
297	17.75	1435.75	800.50
298	18.50	1454.25	815.00
299	18.33	1472.58	829.33
300	18.08	1490.67	843.42
301	18.42	1509.08	857.83
302	18.00	1527.08	871.83
303	18.58	1545.67	886.42
304	18.33	1564.00	900.75
TOTAL	DEG. DAYS (0) FOR OCT/83 =	471.92	
305	17.92	1581.92	914.67

TERRA NOVA NATIONAL PARK NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
PD	10.0	48.47	53.93	MAY 4, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
306	17.75	1599.67	928.42
307	18.00	1617.67	942.42
308	19.33	1637.00	957.75
309	19.00	1656.00	972.75
310	19.00	1675.00	987.75
311	18.17	1693.17	1001.92
312	17.00	1710.17	1014.92
313	16.08	1726.25	1027.00
314	16.42	1742.67	1039.42
315	17.50	1760.17	1052.92
316	18.67	1778.83	1067.58
317	20.08	1798.92	1083.67
318	18.92	1817.83	1098.58
319	16.83	1834.67	1111.42
320	16.92	1851.59	1124.33
321	16.83	1868.42	1137.17
322	16.00	1884.42	1149.17
323	15.00	1899.42	1160.17
324	14.83	1914.25	1171.00
325	14.83	1929.08	1181.83
326	15.75	1944.83	1193.58
327	15.67	1960.50	1205.25
328	13.67	1974.17	1214.92
329	13.42	1987.58	1224.33
330	13.67	2001.25	1234.00
331	13.83	2015.08	1243.83
332	13.58	2028.67	1253.42
333	13.00	2041.67	1262.42
334	13.00	2054.67	1271.42

TOTAL DEG. DAYS (C) FOR NOV/83 = 490.67

335	13.42	2068.08	1280.83
336	14.67	2082.75	1291.50
337	16.08	2098.83	1303.58
338	16.50	2115.33	1316.08
339	17.25	2132.58	1329.33
340	16.50	2149.08	1341.83
341	14.25	2163.33	1352.08
342	13.25	2176.58	1361.33
343	14.25	2190.83	1371.58
344	14.67	2205.50	1382.25
345	15.00	2220.50	1393.25
346	13.75	2234.25	1403.00
347	12.58	2246.83	1411.58
348	12.42	2259.25	1420.00
349	12.00	2271.25	1428.00
350	12.00	2283.25	1436.00
351	13.00	2296.25	1445.00
352	13.00	2309.25	1454.00

TERRA NOVA NATIONAL PARK NFLD. ... CONTINUED

STATION 80 DEPTH 10.0 LATITUDE 48.47 LONGITUDE 53.93 START MAY 4, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
353	14.67	2323.92	1464.67
354	16.00	2339.92	1476.67
355	15.67	2355.58	1488.33
356	14.67	2370.25	1499.00
357	13.92	2384.17	1508.92
358	13.83	2398.00	1518.75
359	12.67	2410.67	1527.42
360	11.92	2422.58	1535.33
361	10.67	2433.25	1542.00
362	10.00	2443.25	1548.00
363	10.42	2453.67	1554.42
364	11.67	2465.33	1562.08
365	12.00	2477.33	1570.08

TOTAL DEG. DAYS (0) FOR DEC/83 = 422.67

TERRA NOVA NATIONAL PARK NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
BE	20.0	48.47	53.93	MAY 4, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
124	0.25	0.25	0.00
125	0.00	0.25	0.00
126	0.00	0.25	0.00
127	0.00	0.25	0.00
128	0.00	0.25	0.00
129	0.00	0.25	0.00
130	0.25	0.50	0.00
131	2.00	2.50	0.00
132	2.00	4.50	0.00
133	2.00	6.50	0.00
134	2.00	8.50	0.00
135	2.58	11.08	0.00
136	1.67	12.75	0.00
137	0.00	12.75	0.00
138	0.42	13.17	0.00
139	0.00	13.17	0.00
140	0.00	13.17	0.00
141	0.00	13.17	0.00
142	-0.33	13.17	0.00
143	-0.33	13.17	0.00
144	1.92	15.08	0.00
145	3.00	18.08	0.00
146	3.75	21.83	0.00
147	4.00	25.83	0.00
148	4.00	29.83	0.00
149	4.00	33.83	0.00
150	4.00	37.83	0.00
151	4.50	42.33	0.50

ESTIMATED DEG. DAYS (0) FOR MAY/83 = 46.87

152	4.17	46.50	0.67
153	3.17	49.67	0.67
154	1.58	51.25	0.47
155	0.17	51.42	0.67
156	0.42	51.83	0.67
157	1.25	53.08	0.67
158	2.83	55.92	0.67
159	2.25	58.17	0.67
160	1.75	59.92	0.67
161	1.08	61.00	0.67
162	2.00	63.00	0.67
163	3.50	66.50	0.67
164	4.08	70.58	0.75
165	5.75	76.33	2.50
166	6.58	82.92	5.08
167	6.17	89.08	7.25
168	5.83	94.92	9.08
169	6.00	100.92	11.08
170	6.00	106.92	13.08

TERRA NOVA NATIONAL PARK NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
8E	20.0	48.47	53.93	MAY 4, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
171	6.00	112.92	15.08
172	6.00	118.92	17.08
173	6.50	125.42	19.58
174	7.00	132.42	22.58
175	6.67	139.08	25.25
176	4.17	143.25	25.42
177	5.50	148.75	26.92
178	5.67	154.42	28.58
179	5.08	159.50	29.67
180	4.50	164.00	30.17
181	3.67	167.67	30.17
TOTAL	DEG. DAYS (0) FOR JUNE/83 =	125.33	
182	4.33	172.00	30.67
183	4.92	176.92	31.67
184	4.50	181.42	32.50
185	8.00	189.42	36.50
186	6.50	195.92	39.00
187	3.92	199.83	39.00
188	3.50	203.33	39.00
189	3.00	206.33	39.00
190	5.17	211.50	40.17
191	5.50	217.00	41.67
192	4.17	221.17	41.83
193	4.00	225.17	41.83
194	4.00	229.17	41.83
195	3.33	232.50	41.83
196	3.92	236.42	41.83
197	3.83	240.25	41.83
198	3.08	243.33	41.83
199	3.00	246.33	41.83
200	1.17	247.50	41.83
201	2.67	250.17	41.83
202	4.00	254.17	41.83
203	4.50	258.67	42.33
204	4.50	263.17	42.83
205	4.17	267.33	43.00
206	4.50	271.83	43.50
207	5.33	277.17	44.83
208	6.50	283.67	47.33
209	8.08	291.75	51.42
210	8.92	300.67	56.33
211	7.25	307.92	59.58
212	4.25	312.17	59.92
TOTAL	DEG. DAYS (0) FOR JULY/83 =	144.50	
213	5.42	317.58	61.42
214	7.25	324.83	64.67

TERRA NOVA NATIONAL PARK NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
BF	20.0	48.47	53.93	MAY 4, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
215	5.00	329.83	65.67
216	5.00	334.83	66.67
217	7.33	342.17	70.00
218	8.42	350.58	74.42
219	5.50	356.08	75.92
220	4.92	361.00	76.83
221	5.00	366.00	77.83
222	4.00	370.00	77.83
223	4.00	374.00	77.83
224	4.50	378.50	78.33
225	7.17	385.67	81.50
226	10.50	396.17	88.00
227	6.92	403.08	90.92
228	4.33	407.42	91.25
229	5.42	412.83	92.67
230	7.17	420.00	95.83
231	11.42	431.42	103.25
232	12.25	443.67	111.50
233	10.58	454.25	118.09
234	7.33	461.58	121.42
235	10.50	472.08	127.92
236	12.00	484.08	135.92
237	12.00	496.08	143.92
238	11.17	507.25	151.09
239	9.50	516.75	156.59
240	10.75	527.50	163.33
241	12.00	539.50	171.33
242	12.00	551.50	179.33
243	12.00	563.50	187.33

TOTAL DEG. DAYS (0) FOR AUG/83 = 251.33

244	12.00	575.50	195.33
245	12.00	587.50	203.33
246	12.00	599.50	211.33
247	12.00	611.50	219.33
248	11.83	623.33	227.17
249	9.58	632.92	232.75
250	10.42	643.33	239.17
251	10.00	653.33	245.17
252	8.00	661.33	249.17
253	8.42	669.75	253.58
254	10.17	679.92	259.75
255	11.50	691.42	267.25
256	10.92	702.33	274.17
257	11.00	713.33	281.17
258	11.00	724.33	288.17
259	12.00	736.33	296.17
260	12.00	748.33	304.17
261	12.00	760.33	312.17

TERRA NOVA NATIONAL PARK NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
RE	20.0	48.47	53.93	MAY 4, 1983 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
262	11.83	772.17	320.00
263	10.75	782.92	326.75
264	9.50	792.42	332.25
265	10.83	803.25	339.08
266	11.00	814.25	346.08
267	10.00	824.25	352.08
268	11.17	835.42	359.25
269	12.00	847.42	367.25
270	11.75	859.17	375.00
271	11.00	870.17	382.00
272	11.50	881.67	389.50
273	12.00	893.67	397.50

TOTAL DEG. DAYS (C) FOR SEPT/83 = 330.17

274	12.00	905.67	405.50
275	12.00	917.67	413.50
276	12.00	929.67	421.50
277	11.50	941.17	429.00
278	11.17	952.33	436.17
279	11.83	964.17	444.00
280	11.42	975.58	451.42
281	10.42	986.00	457.83
282	11.00	997.00	464.83
283	11.00	1008.00	471.83

ESTIMATED DEG. DAYS (C) FOR OCT/83 = 354.43

TERRA NOVA NATIONAL PARK NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
AF	20.0	48.47	53.03	AUG 10, 1982 19:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
222	5.50	5.50	1.50
223	4.08	9.58	1.67
224	3.88	13.46	1.67

SUNNYSIDE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
9A	10.0	47.85	53.92	OCT 5, 1982 15:30 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
278	11.25	11.25	7.25
279	11.00	22.25	14.25
280	11.00	33.25	21.25
281	11.00	44.25	28.25
282	11.00	55.25	35.25
283	10.67	65.92	41.92
284	10.50	76.42	48.42
285	10.50	86.92	54.92
286	10.50	97.42	61.42
287	10.50	107.92	67.92
288	10.50	118.42	74.42
289	10.17	128.58	80.58
290	10.00	138.58	86.58
291	10.00	148.58	92.58
292	10.00	158.58	98.58
293	10.00	168.58	104.58
294	10.00	178.58	110.58
295	10.00	188.58	116.58
296	10.00	198.58	122.58
297	10.00	208.58	128.58
298	9.25	217.83	133.83
299	8.08	225.92	137.92
300	6.92	232.83	140.83
301	8.00	240.83	144.83
302	8.00	248.83	148.83
303	7.50	256.33	152.33
304	7.50	263.83	155.83

ESTIMATED DEG. DAYS (C) FOR OCT/82 = 302.92

305	7.50	271.33	159.33
306	7.50	278.83	162.83
307	7.50	286.33	166.33
308	7.50	293.83	169.83
309	7.50	301.33	173.33
310	7.50	308.83	176.83
311	7.50	316.33	180.33
312	7.33	323.67	183.67
313	6.33	330.00	186.00
314	5.50	335.50	187.50
315	5.83	341.33	189.33
316	6.00	347.33	191.33
317	6.08	353.42	193.42
318	6.50	359.92	195.92
319	5.50	365.42	197.42
320	6.00	371.42	199.42
321	5.42	376.83	200.83
322	5.00	381.83	201.83
323	5.00	386.83	202.83
324	5.00	391.83	203.83

SUNNYSIDE NFLD. ... CONTINUED

STATION 9A DEPTH 10.0 LATITUDE 47.85 LONGITUDE 53.92 START OCT 5, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
325	5.00	396.83	204.83
326	5.00	401.83	205.83
327	5.00	406.83	206.83
328	5.08	411.92	207.92
329	5.42	417.33	209.33
330	3.25	420.58	209.33
331	3.00	423.58	209.33
332	3.00	426.58	209.33
333	3.00	429.58	209.33
334	3.42	433.00	209.33
TOTAL DEG. DAYS (0) FOR NOV/82 =		169.17	
335	3.50	436.50	209.33
336	3.75	440.25	209.33
337	3.58	443.83	209.33
338	3.50	447.33	209.33
339	3.17	450.50	209.33
340	2.83	453.33	209.33
341	3.00	456.33	209.33
342	2.83	459.17	209.33
343	2.08	461.25	209.33
344	2.00	463.25	209.33
345	2.00	465.25	209.33
346	2.33	467.58	209.33
347	2.50	470.08	209.33
348	2.50	472.58	209.33
349	2.00	474.58	209.33
350	2.00	476.58	209.33
351	2.00	478.58	209.33
352	2.00	480.58	209.33
353	2.00	482.58	209.33
354	2.00	484.58	209.33
355	2.00	486.58	209.33
356	2.00	488.58	209.33
357	2.00	490.58	209.33
358	2.00	492.58	209.33
359	1.67	494.25	209.33
360	1.50	495.75	209.33
361	1.75	497.50	209.33
362	1.75	499.25	209.33
363	1.50	500.75	209.33
364	1.50	502.25	209.33
365	1.50	503.75	209.33
TOTAL DEG. DAYS (0) FOR DEC/82 =		70.75	
1	1.50	505.25	209.33
2	1.50	506.75	209.33
3	1.50	508.25	209.33

SUNNYSIDE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
9A	10.0	47.85	53.92	OCT 5, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
4	1.50	509.75	209.33
5	1.25	511.00	209.33
6	1.00	512.00	209.33
7	1.00	513.00	209.33
8	1.00	514.00	209.33
9	1.00	515.00	209.33
10	1.00	516.00	209.33
11	1.00	517.00	209.33
12	1.00	518.00	209.33
13	1.17	519.17	209.33
14	1.50	520.67	209.33
15	1.00	521.67	209.33
16	1.00	522.67	209.33
17	1.00	523.67	209.33
18	1.00	524.67	209.33
19	1.00	525.67	209.33
20	1.00	526.67	209.33
21	1.00	527.67	209.33
22	1.00	528.67	209.33
23	1.00	529.67	209.33
24	1.00	530.67	209.33
25	1.00	531.67	209.33
26	1.00	532.67	209.33
27	1.00	533.67	209.33
28	1.00	534.67	209.33
29	1.00	535.67	209.33
30	1.00	536.67	209.33
31	0.67	537.33	209.33

TOTAL DEG. DAYS (C) FOR JAN/83 = 33.58

32	0.50	537.83	209.33
33	0.50	538.33	209.33
34	0.50	538.83	209.33
35	0.50	539.33	209.33
36	0.50	539.83	209.33
37	0.50	540.33	209.33
38	0.50	540.83	209.33
39	0.50	541.33	209.33
40	0.50	541.83	209.33
41	0.50	542.33	209.33
42	0.50	542.83	209.33
43	0.50	543.33	209.33
44	0.17	543.50	209.33
45	0.00	543.50	209.33
46	0.00	543.50	209.33
47	0.00	543.50	209.33
48	0.00	543.50	209.33
49	0.00	543.50	209.33
50	0.00	543.50	209.33

SUNNYSIDE NELD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
9A	10.0	47.95	53.92	OCT 5, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
51	0.00	543.50	209.33
52	0.00	543.50	209.33
53	0.00	543.50	209.33
54	0.00	543.50	209.33
55	0.00	543.50	209.33

ESTIMATED DEG. DAYS (C) FOR FEB/83 = 7.19

SUNNYSIDE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
9B	20.0	47.85	53.92	OCT 5, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
278	12.00	12.00	8.00
279	11.58	23.58	15.58
280	11.50	35.08	23.08
281	11.50	46.58	30.58
282	11.50	58.08	38.08
283	11.50	69.58	45.58
284	11.17	80.75	52.75
285	11.00	91.75	59.75
286	11.00	102.75	66.75
287	11.00	113.75	73.75
288	11.00	124.75	80.75
289	11.00	135.75	87.75
290	11.00	146.75	94.75
291	10.67	157.42	101.42
292	10.08	167.50	107.50
293	10.00	177.50	113.50
294	9.83	187.33	119.33
295	9.58	196.92	124.92
296	9.50	206.42	130.42
297	10.00	216.42	136.42
298	9.42	225.83	141.83
299	7.58	233.42	145.42
300	7.25	240.67	148.67
301	8.33	249.00	153.00
302	8.50	257.50	157.50
303	8.50	266.00	162.00
304	8.50	274.50	166.50

ESTIMATED DEG. DAYS (C) FOR OCT/82 = 315.17

305	8.50	283.00	171.00
306	8.42	291.42	175.42
307	8.00	299.42	179.42
308	8.00	307.42	183.42
309	8.00	315.42	187.42
310	8.00	323.42	191.42
311	7.75	331.17	195.17
312	7.33	338.50	198.50
313	6.17	344.67	200.67
314	6.00	350.67	202.67
315	6.33	357.00	205.00
316	7.00	364.00	208.00
317	6.50	370.50	210.50
318	6.17	376.67	212.67
319	5.17	381.83	213.83
320	7.00	388.83	216.83
321	5.58	394.42	218.42
322	5.67	400.08	220.08
323	5.58	405.67	221.67
324	6.00	411.67	223.67

SUNNYSIDE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
QR	20.0	47.85	53.92	OCT 5, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
325	6.00	417.67	225.67
326	5.67	423.33	227.33
327	5.50	428.83	228.83
328	5.83	434.67	230.67
329	5.92	440.58	232.58
330	4.17	444.75	232.75
331	4.00	448.75	232.75
332	4.00	452.75	232.75
333	4.00	456.75	232.75
334	4.00	460.75	232.75

TOTAL DEG. DAYS (0) FOR NOV/82 = 196.25

335	4.25	465.00	233.00
336	4.50	469.50	233.50
337	4.50	474.00	234.00
338	4.50	478.50	234.50
339	3.67	482.17	234.67
340	3.75	485.92	234.67
341	4.00	489.92	234.67
342	3.83	493.75	234.67
343	3.50	497.25	234.67
344	3.50	500.75	234.67
345	3.25	504.00	234.67
346	3.42	507.42	234.67
347	3.50	510.92	234.67
348	3.50	514.42	234.67
349	3.50	517.92	234.67
350	3.33	521.25	234.67
351	3.00	524.25	234.67
352	3.00	527.25	234.67
353	3.00	530.25	234.67
354	3.00	533.25	234.67
355	3.00	536.25	234.67
356	3.00	539.25	234.67
357	3.00	542.25	234.67
358	3.00	545.25	234.67
359	3.00	548.25	234.67
360	3.00	551.25	234.67
361	3.00	554.25	234.67
362	3.00	557.25	234.67
363	3.00	560.25	234.67
364	3.00	563.25	234.67
365	3.00	566.25	234.67

TOTAL DEG. DAYS (0) FOR DEC/82 = 105.50

1	3.00	569.25	234.67
2	3.00	572.25	234.67
3	3.00	575.25	234.67

SUNNYSIDE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
99	20.0	47.85	53.92	OCT 5, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
4	3.00	578.25	234.67
5	2.92	581.17	234.67
6	2.50	583.67	234.67
7	2.50	586.17	234.67
8	2.50	588.67	234.67
9	2.50	591.17	234.67
10	2.50	593.67	234.67
11	2.17	595.83	234.67
12	2.00	597.83	234.67
13	2.17	600.00	234.67
14	2.42	602.42	234.67
15	2.00	604.42	234.67
16	2.00	606.42	234.67
17	2.00	608.42	234.67
18	2.00	610.42	234.67
19	2.00	612.42	234.67
20	2.00	614.42	234.67
21	2.00	616.42	234.67
22	2.00	618.42	234.67
23	2.00	620.42	234.67
24	2.00	622.42	234.67
25	2.00	624.42	234.67
26	2.00	626.42	234.67
27	2.00	628.42	234.67
28	2.00	630.42	234.67
29	2.00	632.42	234.67
30	2.00	634.42	234.67
31	2.00	636.42	234.67
TOTAL	DEG. DAYS (0) FOR JAN/83 =	70.17	
32	1.58	638.00	234.67
33	1.50	639.50	234.67
34	1.50	641.00	234.67
35	1.50	642.50	234.67
36	1.50	644.00	234.67
37	1.50	645.50	234.67
38	1.50	647.00	234.67
39	1.50	648.50	234.67
40	1.50	650.00	234.67
41	1.50	651.50	234.67
42	1.50	653.00	234.67
43	2.00	655.00	234.67
44	1.58	656.58	234.67
45	1.33	657.92	234.67
46	1.00	658.92	234.67
47	1.00	659.92	234.67
48	1.00	660.92	234.67
49	1.00	661.92	234.67
50	1.00	662.92	234.67

SUNNYSIDE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
98	20.0	47.85	53.92	OCT 5, 1982 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
51	1.00	663.92	234.67
52	1.00	664.92	234.67
53	1.00	665.92	234.67
54	1.00	666.92	234.67
55	1.00	667.92	234.67

ESTIMATED DEG. DAYS (C) FOR FEB/83 = 36.75

SUNNYSIDE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
9C	33.0	47.85	53.92	OCT 5, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
279	10.50	10.50	6.50
280	10.00	20.50	12.50
281	10.00	30.50	18.50
282	10.00	40.50	24.50
283	10.00	50.50	30.50
284	10.00	60.50	36.50
285	9.75	70.25	42.25
286	9.50	79.75	47.75
287	9.50	89.25	53.25
288	9.50	98.75	58.75
289	9.50	108.25	64.25
290	9.17	117.42	69.42
291	6.83	124.25	72.25
292	8.08	132.33	76.33
293	9.00	141.33	81.33
294	7.25	148.58	84.58
295	5.33	153.92	85.92
296	6.83	160.75	88.75
297	8.08	168.83	92.83
298	7.50	176.33	96.33
299	5.25	181.58	97.58
300	5.25	186.83	98.83
301	6.92	193.75	101.75
302	7.00	200.75	104.75
303	7.00	207.75	107.75
304	7.00	214.75	110.75

ESTIMATED DEG. DAYS (0) FOR OCT/82 = 256.05

305	7.00	221.75	113.75
306	7.00	228.75	116.75
307	7.00	235.75	119.75
308	7.00	242.75	122.75
309	6.67	249.42	125.42
310	6.17	255.58	127.58
311	6.00	261.58	129.58
312	5.33	266.92	130.92
313	4.00	270.92	130.92
314	4.08	275.00	131.00
315	5.00	280.00	132.00
316	5.08	285.08	133.08
317	3.92	289.00	133.50
318	3.00	292.00	133.50
319	3.17	295.17	133.50
320	5.58	300.75	135.08
321	3.42	304.17	135.33
322	3.67	307.83	135.33
323	3.67	311.50	135.33
324	4.00	315.50	135.33

ESTIMATED DEG. DAYS (0) FOR NOV/82 = 151.12

SUNNYSIDE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
90	10.0	47.85	53.92	FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
55	0.00	0.00	0.00
56	-0.25	0.00	0.00
57	-0.50	0.00	0.00
58	-0.50	0.00	0.00
59	-0.33	0.00	0.00
60	-0.83	0.00	0.00
61	-1.00	0.00	0.00
62	-1.00	0.00	0.00
63	-0.92	0.00	0.00
64	-0.50	0.00	0.00
65	-0.08	0.00	0.00
66	0.00	0.00	0.00
67	0.00	0.00	0.00
68	-0.25	0.00	0.00
69	-0.50	0.00	0.00
70	-0.50	0.00	0.00
71	-0.50	0.00	0.00
72	-0.50	0.00	0.00
73	-0.50	0.00	0.00
74	-0.50	0.00	0.00
75	-0.50	0.00	0.00
76	-0.50	0.00	0.00
77	-0.50	0.00	0.00
78	-0.50	0.00	0.00
79	-0.42	0.00	0.00
80	0.00	0.00	0.00
81	0.00	0.00	0.00
82	0.00	0.00	0.00
83	0.00	0.00	0.00
84	0.00	0.00	0.00
85	0.00	0.00	0.00
86	0.00	0.00	0.00
87	0.00	0.00	0.00
88	0.00	0.00	0.00
89	0.00	0.00	0.00
90	0.00	0.00	0.00

TOTAL DEG. DAYS (0) FOR MAR/83 = 0.00

91	0.00	0.00	0.00
92	0.00	0.00	0.00
93	0.00	0.00	0.00
94	0.00	0.00	0.00
95	0.00	0.00	0.00

STATION	DEPTH	LATITUDE	LONGITUDE	START
90	10.0	47.85	53.92	FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
102	0.00	0.17	0.00
103	0.00	0.17	0.00
104	0.00	0.17	0.00
105	0.00	0.17	0.00
106	0.00	0.17	0.00
107	0.33	0.50	0.00
108	0.50	1.00	0.00
109	0.50	1.50	0.00
110	0.50	2.00	0.00
111	0.50	2.50	0.00
112	0.50	3.00	0.00
113	0.50	3.50	0.00
114	0.50	4.00	0.00
115	0.50	4.50	0.00
116	0.50	5.00	0.00
117	0.50	5.50	0.00
118	0.17	5.67	0.00
119	0.00	5.67	0.00
120	0.00	5.67	0.00

TOTAL DEG. DAYS (0) FOR APR/83 = 5.67

121	0.00	5.67	0.00
122	0.00	5.67	0.00
123	0.00	5.67	0.00
125	0.17	5.83	0.00
125	1.00	6.83	0.00
126	0.50	7.33	0.00
127	0.25	7.58	0.00
128	0.83	8.42	0.00
129	1.00	9.42	0.00
130	1.17	10.58	0.00
131	3.00	13.58	0.00
132	3.00	16.58	0.00
133	3.50	20.08	0.00
134	3.50	23.58	0.00
135	3.50	27.08	0.00
136	3.75	30.83	0.00
137	2.83	33.67	0.00
138	3.25	36.92	0.08
139	1.58	38.50	0.08
140	1.25	39.75	0.08
141	2.50	42.25	0.08
142	2.58	44.83	0.25
143	0.00	44.83	0.25
144	0.75	45.83	0.25
145	3.42	49.25	0.25
146	4.00	53.25	0.25
147	4.00	57.25	0.25
148	4.00	61.25	0.25

SUNNYSIDE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
90	10.0	47.85	53.92	FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
149	5.00	66.25	1.25
150	5.00	71.25	2.25
151	3.92	75.17	2.42
TOTAL	DEG. DAYS (C) FOR MAY/83 =	69.50	
152	4.58	79.75	3.08
153	5.00	84.75	4.08
154	4.83	89.58	4.92
155	2.67	92.25	4.92
156	2.50	94.75	4.92
157	3.17	97.92	5.25
158	3.00	100.92	5.25
159	3.00	103.92	5.25
160	2.58	106.50	5.25
161	1.33	107.83	5.25
162	1.25	109.08	5.25
163	1.33	110.42	5.25
164	2.50	112.92	5.25
165	4.50	117.42	5.92
166	6.08	123.50	8.00
167	6.50	130.00	10.50
168	6.00	136.00	12.50
169	6.00	142.00	14.50
170	5.42	147.42	15.92
171	4.50	151.92	16.42
172	4.25	156.17	16.67
173	6.50	162.67	19.17
174	8.00	170.67	23.17
175	7.67	178.33	26.83
176	6.00	184.33	28.83
177	6.00	190.33	30.83
178	6.17	196.50	33.00
179	6.50	203.00	35.50
180	6.50	209.50	38.00
181	6.17	215.67	40.17
TOTAL	DEG. DAYS (C) FOR JUNE/83 =	140.50	
182	5.08	220.75	41.50
183	4.00	224.75	42.00
184	3.33	228.08	42.17
185	4.42	234.50	44.58
186	8.00	242.50	48.58
187	5.92	248.42	50.50
188	4.00	252.42	50.50
189	3.33	255.75	50.50
190	2.75	258.50	50.50
191	5.83	264.33	52.33
192	6.42	270.75	54.75

SUNNYSIDE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
90	10.0	47.85	53.02	FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
193	7.00	277.75	57.75
194	9.50	297.33	63.33
195	10.00	297.33	69.33
196	10.83	309.17	76.17
197	13.67	321.83	85.83
198	13.17	335.00	95.00
199	14.00	349.00	105.00

ESTIMATED DEG. DAYS (C) FOR JULY/83 = 229.63

SUNNYSIDE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
OF	20.0	47.85	53.92	FEB 24, 1993 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
55	-1.00	0.00	0.00
56	-1.00	0.00	0.00
57	-1.25	0.00	0.00
58	-1.50	0.00	0.00
59	-1.17	0.00	0.00
60	-1.33	0.00	0.00
61	-1.50	0.00	0.00
62	-1.50	0.00	0.00
63	-1.50	0.00	0.00
64	-1.25	0.00	0.00
65	-1.00	0.00	0.00
66	-1.00	0.00	0.00
67	-1.00	0.00	0.00
68	-1.17	0.00	0.00
69	-1.50	0.00	0.00
70	-1.50	0.00	0.00
71	-1.50	0.00	0.00
72	-1.50	0.00	0.00
73	-1.50	0.00	0.00
74	-1.50	0.00	0.00
75	-1.50	0.00	0.00
76	-1.50	0.00	0.00
77	-1.50	0.00	0.00
78	-1.50	0.00	0.00
79	-1.50	0.00	0.00
80	-1.08	0.00	0.00
81	-1.00	0.00	0.00
82	-1.00	0.00	0.00
83	-1.00	0.00	0.00
84	-1.00	0.00	0.00
85	-1.00	0.00	0.00
86	-1.00	0.00	0.00
87	-1.00	0.00	0.00
88	-1.00	0.00	0.00
89	-1.00	0.00	0.00
90	-1.00	0.00	0.00

TOTAL DEG. DAYS (0) FOR MAR/83 = 0.00

91	-1.00	0.00	0.00
92	-1.00	0.00	0.00
93	-1.00	0.00	0.00
94	-1.00	0.00	0.00
95	-1.00	0.00	0.00
96	-1.00	0.00	0.00
97	-1.00	0.00	0.00
98	-1.00	0.00	0.00
99	-1.00	0.00	0.00
100	-1.00	0.00	0.00
101	-1.00	0.00	0.00

SUNNYSIDE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
QF	20.0	47.RF	53.92	FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
102	-1.00	0.00	0.00
103	-1.00	0.00	0.00
104	-1.00	0.00	0.00
105	-1.00	0.00	0.00
106	-1.00	0.00	0.00
107	-1.00	0.00	0.00
108	-1.00	0.00	0.00
109	-0.92	0.00	0.00
110	-0.50	0.00	0.00
111	-0.50	0.00	0.00
112	-0.83	0.00	0.00
113	-1.00	0.00	0.00
114	-1.00	0.00	0.00
115	-1.00	0.00	0.00
116	-1.00	0.00	0.00
117	-1.00	0.00	0.00
118	-1.00	0.00	0.00
119	-1.00	0.00	0.00
120	-1.00	0.00	0.00
TOTAL	DEG. DAYS (C) FOR APR/83 =	0.00	
121	-1.00	0.00	0.00
122	-1.00	0.00	0.00
123	-1.00	0.00	0.00
124	-0.92	0.00	0.00
125	-0.58	0.00	0.00
126	-1.00	0.00	0.00
127	-1.00	0.00	0.00
128	-1.00	0.00	0.00
129	-1.00	0.00	0.00
130	-0.08	0.25	0.00
131	2.00	2.25	0.00
132	2.00	4.25	0.00
133	1.67	5.92	0.00
134	2.00	7.92	0.00
135	1.75	9.67	0.00
136	1.25	10.92	0.00
137	-0.25	11.00	0.00
138	-0.33	11.00	0.00
139	-1.00	11.00	0.00
140	-1.00	11.00	0.00
141	-1.00	11.00	0.00
142	-1.00	11.00	0.00
143	-1.00	11.00	0.00
144	0.50	12.00	0.00
145	2.33	14.33	0.00
146	2.17	16.50	0.00
147	2.75	19.25	0.00
148	2.75	22.00	0.00

SUNNYSIDE NELD. ... CONTINUED

STATION 9E	DEPTH 20.0	LATITUDE 47.85	LONGITUDE 53.92	START FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
149	3.00	25.00	0.00
150	3.00	28.00	0.00
151	3.00	31.00	0.00

TOTAL DEG. DAYS (0) FOR MAY/83 = 31.00

152	3.58	34.58	0.09
153	3.42	38.00	0.08
154	2.33	40.33	0.25
155	0.50	40.83	0.25
156	1.00	41.83	0.25

SUNNYSIDE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
9E	33.0	47.85	53.92	FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
55	-0.50	0.00	0.00
56	-1.17	0.00	0.00
57	-1.50	0.00	0.00
58	-1.50	0.00	0.00
59	-1.50	0.00	0.00
60	-1.50	0.00	0.00
61	-1.50	0.00	0.00
62	-1.50	0.00	0.00
63	-1.50	0.00	0.00
64	-1.50	0.00	0.00
65	-1.50	0.00	0.00
66	-1.25	0.00	0.00
67	-1.00	0.00	0.00
68	-1.00	0.00	0.00
69	-1.50	0.00	0.00
70	-1.50	0.00	0.00
71	-1.50	0.00	0.00
72	-1.50	0.00	0.00
73	-1.50	0.00	0.00
74	-1.50	0.00	0.00
75	-1.50	0.00	0.00
76	-1.50	0.00	0.00
77	-1.50	0.00	0.00
78	-1.50	0.00	0.00
79	-1.50	0.00	0.00
80	-1.50	0.00	0.00
81	-1.50	0.00	0.00
82	-1.50	0.00	0.00
83	-1.50	0.00	0.00
84	-1.50	0.00	0.00
85	-1.42	0.00	0.00
86	-1.00	0.00	0.00
87	-1.00	0.00	0.00
88	-1.00	0.00	0.00
89	-1.00	0.00	0.00
90	-1.00	0.00	0.00
TOTAL	DEG. DAYS (C) FOR MAR/83 =	0.00	
91	-1.00	0.00	0.00
92	-1.00	0.00	0.00
93	-1.00	0.00	0.00
94	-1.00	0.00	0.00
95	-1.00	0.00	0.00
96	-1.00	0.00	0.00
97	-1.00	0.00	0.00
98	-1.00	0.00	0.00
99	-1.00	0.00	0.00
100	-1.00	0.00	0.00
101	-1.00	0.00	0.00

SUNNYSIDE NFLD. ... CONTINUED

STATION OF	DEPTH	LATITUDE	LONGITUDE	START
	33.0	47.85	53.92	FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
102	-1.00	0.00	0.00
103	-1.00	0.00	0.00
104	-1.00	0.00	0.00
105	-1.00	0.00	0.00
106	-1.00	0.00	0.00
107	-1.00	0.00	0.00
108	-1.00	0.00	0.00
109	-1.00	0.00	0.00
110	-1.00	0.00	0.00
111	-1.00	0.00	0.00
112	-1.00	0.00	0.00
113	-1.42	0.00	0.00
114	-1.50	0.00	0.00
115	-1.50	0.00	0.00
116	-1.50	0.00	0.00
117	-1.50	0.00	0.00
118	-1.50	0.00	0.00
119	-1.50	0.00	0.00
120	-1.50	0.00	0.00
TOTAL	DEG. DAYS (0) FOR APR/83 =	0.00	
121	-1.50	0.00	0.00
122	-1.50	0.00	0.00
123	-1.50	0.00	0.00
124	-1.50	0.00	0.00
125	-1.08	0.00	0.00
126	-1.50	0.00	0.00
127	-1.50	0.00	0.00
128	-1.50	0.00	0.00
129	-1.50	0.00	0.00
130	-1.33	0.00	0.00
131	0.83	0.83	0.00
132	0.42	1.25	0.00
133	0.00	1.25	0.00
134	0.00	1.25	0.00
135	0.00	1.42	0.00
136	-1.00	1.42	0.00
137	-1.00	1.42	0.00
138	-1.00	1.42	0.00
139	-1.00	1.42	0.00
140	-1.00	1.42	0.00
141	-1.00	1.42	0.00
142	-1.00	1.42	0.00
143	-1.00	1.42	0.00
144	-0.75	1.50	0.00
145	0.33	2.00	0.00
146	-0.50	2.00	0.00
147	0.75	2.75	0.00
148	1.00	3.75	0.00

SUNNYSIDE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
QE	33.0	47.85	53.92	FEB 24, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
149	1.00	4.75	0.00

ESTIMATED DEG. DAYS (C) FOR MAY/83 = 5.08

SUNNYSIDE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
96	10.0	47.85	53.92	JULY 18, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
199	5.00	5.00	1.00
200	3.33	8.33	1.33
201	5.00	13.33	2.50
202	9.00	22.33	7.50
203	10.33	32.67	13.83
204	11.75	44.42	21.58
205	9.67	54.08	27.42
206	4.08	58.17	27.92
207	6.33	64.50	30.25
208	7.92	72.42	34.17
209	8.17	80.58	38.33
210	10.83	91.42	45.17
211	9.67	101.08	50.83
212	9.17	110.25	56.00

ESTIMATED DEG. DAYS (0) FOR JULY/83 = 244.12

213	4.00	114.25	56.00
214	6.92	121.17	58.92
215	7.08	128.25	62.00
216	4.50	132.75	62.50
217	6.17	138.92	64.67
218	7.25	146.17	67.92
219	9.08	155.25	73.00
220	8.92	164.17	77.92
221	6.83	171.00	80.75
222	6.92	177.92	83.67
223	9.33	187.25	89.00
224	5.00	192.25	90.00
225	8.00	200.25	94.00
226	8.58	208.83	98.58
227	8.83	217.67	103.42
228	8.58	226.25	108.00
229	8.00	234.25	112.00
230	7.00	241.25	115.00
231	7.50	248.75	118.50
232	9.00	257.75	123.50
233	9.33	267.08	128.83
234	8.67	275.75	133.50
235	6.58	282.33	136.08
236	8.75	291.08	140.83
237	9.00	300.08	145.83
238	10.00	310.08	151.83
239	10.17	320.25	158.00
240	6.42	326.67	160.42
241	7.67	334.33	164.08
242	10.00	344.33	170.08
243	10.00	354.33	176.08

TOTAL DEG. DAYS (0) FOR AUG/83 = 244.08

SUNNYSIDE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
9G	10.0	47.85	53.92	JULY 18, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
244	10.33	364.67	192.42
245	10.92	375.58	199.33
246	11.00	386.58	206.33
247	11.00	397.58	213.33
248	11.00	408.58	220.33
249	11.00	419.58	227.33
250	11.00	430.58	234.33
251	11.00	441.58	241.33
252	10.92	452.50	248.25
253	10.00	462.50	254.25
254	10.08	472.58	260.33
255	10.92	483.50	267.25
256	10.83	494.33	274.08
257	10.00	504.33	280.08
258	10.50	514.83	286.58
259	11.00	525.83	293.58
260	11.00	536.83	300.58
261	11.00	547.83	307.58
262	11.00	558.83	314.58
263	11.00	569.83	321.58
264	11.00	580.83	328.58
265	11.17	592.00	335.75
266	11.83	603.83	343.58
267	12.00	615.83	351.58
268	11.50	627.33	359.08
269	11.75	639.08	366.83
270	12.00	651.08	374.83
271	12.00	663.08	382.83
272	11.92	675.00	390.75
273	11.50	686.50	398.25

TOTAL DEG. DAYS (0) FOR SEPT/83 = 332.17

274	11.08	697.58	405.33
275	11.42	709.00	412.75
276	11.50	720.50	420.25
277	11.50	732.00	427.75
278	11.50	743.50	435.25
279	11.50	755.00	442.75
280	11.50	766.50	450.25
281	11.50	778.00	457.75
282	11.50	789.50	465.25
283	11.50	801.00	472.75
284	11.50	812.50	480.25
285	11.17	823.67	487.42
286	11.00	834.67	494.42
287	11.00	845.67	501.42
288	11.00	856.67	508.42
289	10.83	867.50	515.25
290	10.00	877.50	521.25

SUNNYSIDE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
9G	10.0	47.85	53.92	JULY 18, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
291	10.50	899.00	517.75
292	10.50	898.50	524.25
293	10.50	909.00	530.75
294	10.17	919.17	536.92
295	10.00	929.17	542.92
296	10.00	939.17	548.92
297	10.00	949.17	554.92
298	10.00	959.17	560.92
299	10.00	969.17	566.92
300	10.00	979.17	572.92
301	10.00	989.17	578.92
302	9.92	999.08	584.83
303	9.50	1008.58	590.33
304	9.50	1018.08	595.83

TOTAL DEG. DAYS (C) FOR OCT/83 = 331.58

305	9.50	1027.58	601.33
306	9.33	1036.92	606.67
307	9.00	1045.92	611.67
308	9.00	1054.92	616.67
309	9.00	1063.92	621.67
310	8.58	1072.50	626.25
311	8.50	1081.00	630.75
312	8.50	1089.50	635.25
313	7.25	1096.75	638.50
314	6.50	1103.25	641.00
315	6.83	1110.08	643.83
316	7.33	1117.42	647.17
317	7.50	1124.92	650.67
318	7.08	1132.00	653.75
319	6.08	1138.08	655.83
320	6.00	1144.08	657.83

ESTIMATED DEG. DAYS (C) FOR NOV/83 = 236.25

SUNNYSIDE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
94	20.0	47.85	53.92	AUG 17, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
229	3.00	3.00	0.00
230	2.67	5.67	0.00
231	4.75	10.42	1.25
232	4.08	14.50	1.67
233	5.33	19.83	3.00
234	3.92	23.75	3.67
235	3.92	27.67	4.33
236	6.50	34.17	6.83
237	6.83	41.00	9.67
238	5.08	46.08	11.00
239	3.17	49.25	11.00
240	2.92	52.17	11.00
241	5.83	58.00	13.17
242	8.50	66.50	17.67
243	9.00	75.50	22.67

ESTIMATED DEG. DAYS (0) FOR AUG/83 = 156.03

244	8.75	84.25	27.42
245	9.42	93.67	32.83
246	9.50	103.17	38.33
247	9.50	112.67	43.83
248	9.50	122.17	49.33
249	9.42	131.58	54.75
250	8.25	139.83	59.00
251	8.08	147.92	63.08
252	6.42	154.33	65.50
253	6.50	160.83	68.00
254	7.92	168.75	71.92
255	8.00	176.75	75.92
256	3.50	180.25	75.92
257	4.92	185.17	76.83
258	7.50	192.67	80.33
259	9.83	202.50	86.17
260	10.00	212.50	92.17
261	10.00	222.50	98.17
262	10.00	232.50	104.17
263	8.83	241.33	109.00
264	7.08	248.42	112.08
265	9.00	257.42	117.08
266	9.83	267.25	122.92
267	4.92	272.17	123.92
268	8.17	280.33	128.08
269	10.17	290.50	134.25
270	10.00	300.50	140.25
271	9.00	309.50	145.25
272	9.75	319.25	151.00
273	10.00	329.25	157.00

TOTAL DEG. DAYS (0) FOR SEPT/83 = 253.75

SUNNYSIDE NELD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
9H	20.0	47.85	53.92	AUG 17, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
274	10.00	339.25	163.00
275	10.00	349.25	169.00
276	10.00	359.25	175.00
277	10.00	369.25	181.00
278	10.00	379.25	187.00
279	10.00	389.25	193.00
280	10.00	399.25	199.00
281	9.17	408.42	204.17
282	9.42	417.83	209.58
283	10.00	427.83	215.58
284	10.00	437.83	221.58
285	10.00	447.83	227.58
286	10.00	457.83	233.58
287	10.00	467.83	239.58
288	7.83	475.67	243.42
289	6.25	481.92	245.67
290	8.00	489.92	249.67
291	9.33	499.25	255.00
292	8.58	507.83	259.58
293	8.92	516.75	264.50
294	9.00	525.75	269.50
295	9.00	534.75	274.50
296	9.00	543.75	279.50
297	9.00	552.75	284.50
298	9.00	561.75	289.50
299	9.00	570.75	294.50
300	9.00	579.75	299.50
301	9.00	588.75	304.50
302	9.00	597.75	309.50
303	4.08	601.83	311.25
304	7.67	609.50	314.92

TOTAL DEG. DAYS (0) FOR OCT/83 = 280.25

305	7.83	617.33	318.75
306	8.00	625.33	322.75
307	7.83	633.17	326.58
308	6.58	639.75	329.17
309	7.58	647.33	332.75
310	7.50	654.83	336.25
311	7.50	662.33	339.75
312	6.83	669.17	342.58
313	5.00	674.17	343.58
314	4.92	679.08	344.50
315	5.50	684.58	346.00
316	6.00	690.58	348.00
317	6.42	697.00	350.42
318	5.50	702.50	351.92
319	5.00	707.50	352.92

ESTIMATED DEG. DAYS (0) FOR NOV/83 = 196.00

SUNNYSIDE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
91	33.0	47.85	53.92	JULY 19, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
200	0.00	0.00	0.00
201	0.00	0.00	0.00
202	1.17	1.17	0.00
203	0.17	1.50	0.00
204	1.50	3.00	0.00
205	0.83	3.83	0.00
206	0.50	4.33	0.00
207	2.92	7.25	0.25
208	3.08	10.33	0.50
209	4.33	14.67	1.17
210	4.08	18.75	1.75
211	3.08	21.83	1.75
212	2.75	24.58	1.75

ESTIMATED DEG. DAYS (0) FOR JULY/83 = 58.62

213	1.59	26.17	1.75
214	2.42	28.58	1.75
215	2.67	31.25	1.75
216	1.50	32.75	1.75
217	1.58	34.33	1.75
218	4.00	38.33	2.00
219	3.00	41.33	2.17
220	1.58	42.92	2.17
221	1.17	44.08	2.17
222	1.83	45.92	2.17
223	2.58	48.50	2.17
224	2.08	50.58	2.17
225	3.83	54.42	2.50
226	7.42	61.83	5.92
227	5.00	66.83	7.25
228	3.25	70.08	7.25
229	3.25	73.33	7.25
230	2.59	75.92	7.25
231	3.92	79.83	7.50
232	3.25	83.08	7.50
233	3.50	86.58	7.50
234	2.75	89.33	7.50
235	5.00	94.33	8.83
236	6.00	100.33	10.83
237	6.50	106.83	13.33
238	3.33	110.17	13.33
239	3.25	113.42	13.33
240	3.00	116.42	13.33
241	7.33	123.75	16.67
242	9.25	133.00	21.92
243	8.75	141.75	26.67

TOTAL DEG. DAYS (0) FOR AUG/83 = 117.17

SUNNYSIDE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
91	33.0	47.85	53.92	JULY 19, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
244	9.25	151.00	31.92
245	10.00	161.00	37.92
246	10.17	171.17	44.08
247	10.50	181.67	50.58
248	10.50	192.17	57.08
249	7.17	199.33	60.25
250	6.67	206.00	62.92
251	5.33	211.33	64.42
252	4.08	215.42	64.58
253	4.67	220.08	65.25
254	8.50	228.58	69.75
255	4.75	233.33	71.00
256	3.33	236.67	71.00
257	4.58	241.25	71.75
258	8.50	249.75	76.25
259	10.67	260.42	82.92
260	10.58	271.00	89.50
261	9.42	280.42	94.92
262	10.58	291.00	101.50
263	6.58	297.58	104.08
264	6.75	304.33	106.83
265	7.92	312.25	110.75
266	7.58	319.83	114.42
267	3.92	323.75	115.00
268	8.92	332.67	119.92
269	10.67	343.33	126.58
270	6.58	349.92	129.17
271	7.33	357.25	132.50
272	9.75	367.00	138.25
273	10.75	377.75	145.00

TOTAL DEG. DAYS (0) FOR SEPT/83 = 236.00

274	10.75	388.50	151.75
275	11.00	399.50	158.75
276	11.00	410.50	165.75
277	11.00	421.50	172.75
278	11.00	432.50	179.75
279	11.00	443.50	186.75
280	9.58	453.08	192.33
281	7.25	460.33	195.58
282	10.00	470.33	201.58
283	10.75	481.08	208.33
284	11.00	492.08	215.33
285	10.50	502.58	221.83
286	9.67	512.25	227.50
287	8.92	521.17	232.42
288	6.25	527.42	234.67
289	6.83	534.25	237.50
290	9.25	543.50	242.75

SUNNYSIDE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
91	33.0	47.95	53.92	JULY 19, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
291	10.00	553.50	248.75
292	7.50	561.00	252.25
293	8.25	569.25	256.50
294	9.92	579.17	262.42
295	10.00	589.17	268.42
296	10.00	599.17	274.42
297	10.00	609.17	280.42
298	9.67	618.83	286.08
299	9.50	628.33	291.58
300	9.50	637.83	297.08
301	9.33	647.17	302.42
302	8.33	655.50	306.75
303	2.92	658.42	307.42
304	5.42	663.83	308.83

TOTAL DEG. DAYS (0) FOR OCT/83 = 286.08

305	8.17	672.00	313.00
306	7.58	679.58	316.58
307	6.67	686.25	319.25
308	6.17	692.42	321.50
309	8.00	700.42	325.50
310	8.00	708.42	329.50
311	8.00	716.42	333.50
312	5.67	722.08	335.17
313	5.25	727.33	336.42
314	4.50	731.83	336.92

ESTIMATED DEG. DAYS (0) FOR NOV/83 = 204.00

BELLEVUE TRINITY BAY NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
10	1.0	47.64	53.75	MAY 25, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
145	6.50	6.50	2.50
146	4.67	11.17	3.17
147	4.33	15.50	3.50
148	5.17	20.67	4.67
149	5.08	25.75	5.75
150	5.00	30.75	6.75
151	5.58	36.33	8.33
152	6.00	42.33	10.33
153	5.75	48.08	12.08
154	6.33	54.42	14.42
155	5.75	60.17	16.33
156	5.83	66.00	18.17
157	4.92	70.92	19.17
158	6.58	77.50	21.75
159	7.67	85.17	25.42
160	6.83	92.00	28.25
161	7.08	99.08	31.33
162	6.00	105.08	33.33
163	6.00	111.08	35.33
164	6.83	117.92	38.17
165	7.50	125.42	41.67
166	7.67	133.08	45.33
167	8.50	141.58	49.83
168	7.67	149.25	53.50
169	7.92	157.17	57.42
170	9.33	166.50	62.75
171	9.75	176.25	68.50
172	9.42	185.67	73.92
173	10.33	196.00	80.25
174	10.42	206.42	86.67
175	10.50	216.92	93.17
176	10.92	227.83	100.08
177	11.42	239.25	107.50
178	11.08	250.33	114.58
179	11.92	262.25	122.50
180	12.00	274.25	130.50
181	10.92	285.17	137.42

TOTAL DEG. DAYS (0) FOR JUNE/83 = 248.93

182	9.92	295.08	143.33
183	8.33	303.42	147.67
184	6.50	309.92	150.17
185	6.67	316.58	152.83
186	9.50	326.08	158.33
187	10.42	336.50	164.75
188	11.25	347.75	172.00
189	7.92	355.67	176.17
190	10.42	366.08	182.58
191	10.75	376.83	189.33

BELLEVUE TRINITY BAY NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
10	1.0	47.64	53.75	MAY 25, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
192	9.83	385.67	195.17
193	12.08	398.75	203.25
194	12.25	411.00	211.50
195	13.08	424.08	220.58
196	14.42	438.50	231.00
197	13.92	452.42	240.92
198	14.17	466.58	251.08
199	11.42	478.00	258.50
200	11.25	489.25	265.75
201	12.17	501.42	273.92
202	12.50	513.92	282.42
203	12.42	526.33	290.83
204	12.17	538.50	299.00
205	10.83	549.33	305.83
206	11.83	561.17	313.67
207	11.92	573.08	321.58
208	11.50	584.58	329.08
209	13.00	597.58	338.08
210	13.08	610.67	347.17
211	12.25	622.92	355.42
212	9.00	631.92	360.42
TOTAL	DEG. DAYS (0) FOR JULY/83 =	346.75	
213	10.67	642.58	367.08
214	10.42	653.00	373.50
215	9.25	662.25	378.75
216	9.67	671.92	384.42
217	9.50	681.42	389.92
218	9.58	691.00	395.50
219	10.67	701.67	402.17
220	9.75	711.42	407.92
221	10.33	721.75	414.25
222	9.67	731.42	419.92
223	9.67	741.08	425.58
224	9.67	750.75	431.25
225	8.83	759.58	436.08
226	9.50	769.08	441.58
227	11.00	780.08	448.58
228	11.92	792.00	456.50
229	13.33	805.33	465.83
230	11.83	817.17	473.67
231	11.83	829.00	481.50
232	11.75	840.75	489.25
233	12.17	852.92	497.42
234	11.83	864.75	505.25
235	12.08	876.83	513.33
236	11.67	888.50	521.00
237	11.17	899.67	528.17
238	11.58	911.25	535.75

BELLEVUE TRINITY BAY NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
10	1.0	47.64	53.75	MAY 25, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
239	11.17	922.42	542.92
240	10.58	933.00	549.58
241	10.92	943.92	556.42
242	11.00	954.92	563.42
243	11.17	966.08	570.58
TOTAL	DEG. DAYS (C) FOR AUG/83 =	334.17	
244	11.58	977.67	578.17
245	11.08	988.75	585.25
246	11.00	999.75	592.25
247	11.33	1011.08	599.58
248	11.83	1022.92	607.42
249	12.00	1034.92	615.42
250	12.50	1047.42	623.92
251	12.75	1060.17	632.67
252	13.08	1073.25	641.75
253	12.33	1085.58	650.08
254	12.08	1097.67	658.17
255	12.25	1109.92	666.42
256	12.33	1122.25	674.75
257	12.25	1134.50	683.00
258	12.00	1146.50	691.00
259	11.50	1158.00	698.50
260	12.00	1170.00	706.50
261	12.00	1182.00	714.50
262	12.00	1194.00	722.50
263	12.17	1206.17	730.67
264	12.00	1218.17	738.67
265	12.25	1230.42	746.92
266	13.17	1243.58	756.08
267	13.58	1257.17	765.67
268	13.00	1270.17	774.67
269	13.00	1283.17	783.67
270	13.00	1296.17	792.67
271	13.00	1309.17	801.67
272	12.33	1321.50	810.00
273	12.00	1333.50	818.00
TOTAL	DEG. DAYS (C) FOR SEPT/83 =	367.42	
274	11.42	1344.92	825.42
275	11.50	1356.42	832.92
276	11.67	1368.08	840.58
277	12.00	1380.08	848.58
278	12.00	1392.08	856.58
279	12.00	1404.08	864.58
280	12.08	1416.17	872.67
281	12.08	1428.25	880.75
292	12.00	1440.25	888.75

BELLEVUE TRINITY BAY NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
10	1.0	47.04	53.75	MAY 25, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
283	12.00	1452.25	896.75
284	10.83	1463.08	903.58
285	10.67	1473.75	910.25
286	11.00	1484.75	917.25
287	11.17	1495.92	924.42
288	11.67	1507.58	932.08
289	11.17	1518.75	939.25
290	10.42	1529.17	945.67
291	10.00	1539.17	951.67
292	10.17	1549.33	957.83
293	10.50	1559.83	964.33

ESTIMATED DEG. DAYS (C) FOR OCT/83 = 350.82

HARBOUR GRACE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
134	6.0	47.68	53.24	JULY 6, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (A)
187	7.00	7.00	3.00
188	5.75	12.75	4.75
189	5.50	18.25	6.25
190	5.83	24.08	8.08
191	7.00	31.08	11.08
192	8.00	39.08	15.08
193	8.33	47.42	19.42
194	9.00	56.42	24.42
195	9.17	65.58	29.58
196	12.00	77.58	37.58
197	12.25	89.83	45.83
198	9.17	99.00	51.00
199	6.67	105.67	53.67
200	3.67	109.33	54.00
201	1.92	111.25	54.00
202	4.92	116.17	54.92
203	6.08	122.25	57.00
204	7.33	129.58	60.33
205	5.08	134.67	61.42
206	4.25	138.92	61.67
207	5.50	144.42	63.17
208	5.83	150.25	65.00
209	6.58	156.83	67.58
210	6.17	163.00	69.75
211	5.09	168.08	70.83
212	3.08	171.17	70.83

ESTIMATED DEG. DAYS (O) FOR JULY/83 = 204.08

213	3.58	174.75	70.83
214	5.00	179.75	71.83
215	5.58	185.33	73.42
216	6.00	191.33	75.42
217	6.75	198.08	78.17
218	7.92	206.00	82.08
219	7.92	213.92	86.00
220	6.92	220.83	88.92
221	6.08	226.92	91.00
222	6.50	233.42	93.50
223	6.50	239.92	96.00
224	6.92	246.83	98.92
225	7.00	253.83	101.92
226	7.50	261.33	105.42
227	8.00	269.33	109.42
228	8.00	277.33	113.42
229	7.58	284.92	117.00
230	6.83	291.75	119.83
231	7.50	299.25	123.33
232	8.00	307.25	127.33
233	8.00	315.25	131.33

HARBOUR GRACE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
134	4.0	47.68	53.24	JULY 6, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
234	7.75	323.00	135.08
235	8.00	331.00	139.08
236	8.00	339.00	143.08
237	8.00	347.00	147.08
238	7.83	354.83	150.92
239	6.92	361.75	153.83
240	7.67	369.42	157.50
241	8.17	377.58	161.67
242	9.00	386.58	166.67
243	9.00	395.58	171.67
TOTAL	DEG. DAYS (0) FOR AUG/83 =	224.42	
244	9.00	404.58	176.67
245	9.00	413.58	181.67
246	9.00	422.58	186.67
247	9.00	431.58	191.67
248	9.00	440.58	196.67
249	9.00	449.58	201.67
250	9.00	458.58	206.67
251	8.58	467.17	211.25
252	8.00	475.17	215.25
253	8.00	483.17	219.25
254	8.00	491.17	223.25
255	8.00	499.17	227.25
256	8.33	507.50	231.58
257	8.50	516.00	236.08
258	8.50	524.50	240.58
259	8.50	533.00	245.08
260	8.83	541.83	249.92
261	9.00	550.83	254.92
262	9.00	559.83	259.92
263	9.00	568.83	264.92
264	9.00	577.83	269.92
265	9.00	586.83	274.92
266	9.00	595.83	279.92
267	9.33	605.17	285.25
268	9.50	614.67	290.75
269	9.50	624.17	296.25
270	9.50	633.67	301.75
271	9.50	643.17	307.25
272	9.50	652.67	312.75
273	9.33	662.00	318.08
TOTAL	DEG. DAYS (0) FOR SEPT/83 =	266.42	
274	9.00	671.00	323.08
275	9.00	680.00	328.08
276	9.00	689.00	333.08
277	9.00	698.00	338.08

HARBOUR GRACE NFLD ... CONTINUED

STATION 134 DEPTH 6.0 LATITUDE 47.68 LONGITUDE 53.24 START JULY 4, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
278	9.00	707.00	343.08
279	9.00	716.00	348.08
280	9.00	725.00	353.08
281	8.50	733.50	357.58
282	8.50	742.00	362.08
283	8.50	750.50	366.58
284	8.33	758.83	370.92
285	8.00	766.83	374.92
286	8.33	775.17	379.25
287	8.50	783.67	383.75
288	8.50	792.17	388.25
289	8.00	800.17	392.25
290	8.00	808.17	396.25
291	8.00	816.17	400.25
292	8.00	824.17	404.25
293	8.00	832.17	408.25
294	8.00	840.17	412.25
295	7.83	848.00	416.08
296	7.50	855.50	419.58
297	7.50	863.00	423.08
298	6.50	869.50	425.58
299	6.75	876.25	428.33
300	7.00	883.25	431.33
301	7.00	890.25	434.33
302	7.00	897.25	437.33
303	6.00	903.25	439.33
304	5.25	908.50	440.58

TOTAL DEG. DAYS (0) FOR OCT/83 = 246.50

305	5.00	913.50	441.58
306	5.00	918.50	442.58
307	5.00	923.50	443.58
308	5.00	928.50	444.58
309	4.83	933.33	445.42
310	4.50	937.83	445.92
311	4.50	942.33	446.42
312	4.50	946.83	446.92
313	4.50	951.33	447.42
314	4.50	955.83	447.92
315	4.50	960.33	448.42
316	4.50	964.83	448.92
317	4.50	969.33	449.42
318	4.50	973.83	449.92
319	4.50	978.33	450.42
320	4.50	982.83	450.92
321	4.00	986.83	450.92
322	4.00	990.83	450.92
323	4.00	994.83	450.92
324	3.50	998.33	450.92

HARBOUR GRACE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
134	6.0	47.68	53.24	JULY 6, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
325	3.50	1001.83	450.92
326	3.25	1005.08	450.92
327	3.00	1009.08	450.92
328	3.00	1011.08	450.92
329	3.00	1014.08	450.92
330	3.00	1017.08	450.92
331	3.00	1020.08	450.92
332	3.00	1023.08	450.92
333	3.00	1026.08	450.92
334	3.00	1029.08	450.92

TOTAL DEG. DAYS (O) FOR NOV/83 = 120.58

335	3.00	1032.08	450.92
336	3.00	1035.08	450.92
337	3.00	1038.08	450.92
338	2.83	1040.92	450.92
339	2.50	1043.42	450.92
340	2.50	1045.92	450.92
341	2.50	1048.42	450.92
342	2.50	1050.92	450.92
343	2.17	1053.08	450.92
344	2.00	1055.08	450.92
345	1.33	1056.42	450.92
346	1.00	1057.42	450.92
347	1.00	1058.42	450.92

ESTIMATED DEG. DAYS (O) FOR DEC/83 = 69.95

HIBBS COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
14	19.0	47.53	53.25	JUNE 9, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
160	1.00	1.00	0.00
161	1.50	2.50	0.00
162	1.17	3.67	0.00
163	2.83	6.50	0.00
164	2.83	9.33	0.00
165	3.17	12.50	0.00
166	4.42	16.92	0.42
167	4.25	21.17	0.67
168	4.58	25.75	1.25
169	2.75	28.50	1.25
170	2.00	30.50	1.25
171	2.33	32.83	1.25
172	4.08	36.92	1.58
173	4.17	41.08	1.75
174	4.92	46.00	2.67
175	4.33	50.33	3.08
176	2.83	53.17	3.08
177	3.58	56.75	3.08
178	4.33	61.08	3.42
179	4.08	65.17	3.50
180	4.67	69.83	4.17

ESTIMATED DEG. DAYS (0) FOR JUNE/83 = 99.76

HOLYROOD NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
15A	0.0	47.42	53.17	MAY 16, 1980 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
137	3.00	3.00	0.00
138	2.67	5.67	0.00
139	1.92	7.58	0.00
140	2.33	9.92	0.00
141	2.00	11.92	0.00
142	1.75	13.67	0.00
143	1.42	15.08	0.00
144	0.67	15.75	0.00
145	0.00	15.75	0.00
146	0.33	16.08	0.00
147	0.92	17.00	0.00
148	1.42	18.42	0.00
149	1.67	20.08	0.00
150	0.00	20.08	0.00
151	1.75	21.83	0.00
152	1.67	23.50	0.00

ESTIMATED DEG. DAYS (0) FOR MAY/80 = 45.53

153	2.00	25.50	0.00
154	2.00	27.50	0.00
155	2.25	29.75	0.00
156	2.17	31.92	0.00
157	1.67	33.58	0.00
158	1.50	35.08	0.00
159	1.50	36.58	0.00
160	1.50	38.08	0.00
161	1.50	39.58	0.00
162	1.50	41.08	0.00
163	1.83	42.92	0.00
164	1.50	44.42	0.00
165	1.92	46.33	0.00
166	3.00	49.33	0.00
167	3.00	52.33	0.00
168	3.00	55.33	0.00
169	3.08	58.42	0.00
170	3.50	61.92	0.00
171	3.50	65.42	0.00
172	3.50	68.92	0.00
173	3.50	72.42	0.00
174	3.83	76.25	0.00
175	4.00	80.25	0.00
176	4.00	84.25	0.00
177	4.00	88.25	0.00
178	4.00	92.25	0.00
179	4.33	96.58	0.33
180	3.58	100.17	0.33
181	4.92	105.08	1.33
182	4.50	109.58	1.83

TOTAL DEG. DAYS (0) FOR JUNE/80 = 86.08

HOLYROOD NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
15A	0.0	47.42	53.17	MAY 15, 1980 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
183	4.50	114.08	2.33
184	4.50	118.58	2.33
185	3.92	122.50	2.92
186	1.92	124.42	2.92
187	1.17	125.58	2.92
188	1.33	126.92	2.92
189	1.50	128.42	2.92
190	1.25	129.67	2.92
191	1.00	130.67	2.92
192	0.58	131.25	2.92
193	1.42	132.67	2.92
194	2.58	135.25	2.92
195	2.67	137.92	2.92
196	0.50	138.42	2.92
197	0.50	138.92	2.92
198	0.67	139.58	2.92
199	0.50	140.08	2.92
200	0.92	141.00	2.92
201	0.75	141.75	2.92
202	1.00	142.75	2.92
203	2.25	145.00	2.92
204	3.33	148.33	2.92
205	3.50	151.83	2.92
206	3.50	155.33	2.92
207	3.50	158.83	2.92
208	3.50	162.33	2.92
209	3.17	165.50	2.92
210	3.25	168.75	2.92
211	3.50	172.25	2.92
212	2.75	175.00	2.92
213	2.50	177.50	2.92

TOTAL DEG. DAYS (0) FOR JULY/80 = 67.92

214	2.92	180.42	2.92
215	3.33	183.75	2.92
216	4.92	188.67	3.83
217	5.58	194.25	5.42
218	5.67	199.92	7.08
219	5.17	205.08	8.25
220	4.42	209.50	8.67
221	3.92	213.42	8.67
222	3.08	216.50	8.67
223	1.92	218.42	8.67
224	1.08	219.50	8.67
225	0.67	220.17	8.67
226	0.92	221.08	8.67
227	1.00	222.08	8.67
228	1.00	223.08	8.67
229	0.17	223.25	8.67

HOLYROOD NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
1FA	0.0	47.42	53.17	MAY 16, 1980 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
230	0.08	223.33	8.67
231	1.08	224.42	8.67
232	1.67	226.08	8.67
233	2.08	228.17	8.67
234	2.50	230.67	8.67
235	2.83	233.50	8.67
236	3.00	236.50	8.67
237	3.00	239.50	8.67
238	3.00	242.50	8.67
239	3.67	246.17	8.67
240	3.33	249.50	8.67
241	3.25	252.75	8.67
242	2.75	255.50	8.67
243	2.50	258.00	8.67
244	2.75	260.75	8.67
TOTAL	DEG. DAYS (0) FOR AUG/80 =	83.25	
245	3.67	264.42	8.67
246	4.00	268.42	8.67
247	3.67	272.08	8.67
248	2.92	275.00	8.67
249	2.83	277.83	8.67
250	3.58	281.42	8.67
251	5.00	286.42	9.67
252	5.25	291.67	10.92
253	5.92	297.58	12.83
254	6.00	303.58	14.83
255	6.00	309.58	16.83
256	6.00	315.58	18.83
257	6.00	321.58	20.83
258	5.25	326.83	22.08
259	3.08	329.92	22.08
260	1.58	331.50	22.08
261	1.50	333.00	22.08
262	1.50	334.50	22.08
263	2.00	336.50	22.08
264	3.17	339.67	22.08
265	5.83	345.50	23.92
266	6.50	352.00	26.42
267	6.00	358.00	28.42
268	6.00	364.00	30.42
269	6.67	370.67	33.08
270	7.58	378.25	36.67
271	8.58	386.83	41.25
272	8.58	395.42	45.83
273	8.50	403.92	50.33
274	7.75	411.67	54.08
TOTAL	DEG. DAYS (0) FOR SEPT/80 =	150.92	

HOLYROOD NFLD ... CONTINUED

STATION 154 DEPTH 0.0 LATITUDE 47.42 LONGITUDE 53.17 START MAY 16, 1980 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
275	7.00	418.67	57.08
276	6.92	425.58	60.00
277	7.25	432.83	63.25
278	5.83	438.67	65.08
279	4.33	443.00	65.50
280	3.33	446.33	65.50
281	4.17	450.50	65.92
282	5.25	455.75	67.17
283	6.58	462.33	69.75
284	8.08	470.42	73.83
285	7.50	477.92	77.33
286	7.92	485.83	81.25
287	8.08	493.92	85.33
288	6.58	500.50	87.92
289	3.58	504.08	87.92
290	2.25	506.33	87.92
291	2.17	508.50	87.92
292	2.58	511.08	87.92
293	4.33	515.42	88.58
294	7.67	523.08	92.25
295	8.75	531.83	97.00
296	10.25	542.08	103.25
297	10.92	553.00	110.17
298	11.00	564.00	117.17
299	10.50	574.50	123.67
300	9.17	583.67	128.83
301	10.42	594.08	135.25
302	11.50	605.58	142.75
303	11.50	617.08	150.25
304	10.33	627.42	156.58
305	8.50	635.92	161.08

TOTAL DEG. DAYS (0) FOR OCT/80 = 224.25

306	8.25	644.17	165.33
307	8.08	652.25	169.42
308	7.58	659.83	173.00
309	7.00	666.83	176.00
310	5.00	671.83	177.00
311	8.67	680.50	181.67
312	10.75	691.25	188.42
313	10.50	701.75	194.92
314	9.50	711.25	200.42
315	9.58	720.83	206.00
316	10.33	731.17	212.33
317	10.92	742.08	219.25
318	11.50	753.58	226.75
319	11.50	765.08	234.25
320	11.50	776.58	241.75

ESTIMATED DEG. DAYS (0) FOR NOV/80 = 281.33

HOLYROOD NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
158	0.0	47.42	53.17	MAY 15, 1980 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
137	3.00	3.00	0.00
138	2.50	5.50	0.00
139	1.75	7.25	0.00
140	2.25	9.50	0.00
141	1.75	11.25	0.00
142	1.33	12.58	0.00
143	1.17	13.75	0.00
144	0.25	14.00	0.00
145	-0.42	14.00	0.00
146	-0.17	14.00	0.00
147	0.50	14.50	0.00
148	1.25	15.75	0.00
149	1.50	17.25	0.00
150	-0.33	17.25	0.00
151	1.00	18.25	0.00
152	1.50	19.75	0.00

ESTIMATED DEG. DAYS (C) FOR MAY/80 = 38.27

153	1.50	21.25	0.00
154	1.67	22.92	0.00
155	2.00	24.92	0.00
156	1.58	26.50	0.00
157	1.25	27.75	0.00
158	1.00	28.75	0.00
159	1.00	29.75	0.00
160	1.00	30.75	0.00
161	1.17	31.92	0.00
162	1.50	33.42	0.00
163	1.50	34.92	0.00
164	1.17	36.08	0.00
165	1.75	37.83	0.00
166	2.50	40.33	0.00
167	2.50	42.83	0.00
168	2.50	45.33	0.00
169	2.58	47.92	0.00
170	3.00	50.92	0.00
171	3.00	53.92	0.00
172	3.00	56.92	0.00
173	3.00	59.92	0.00
174	3.42	63.33	0.00
175	3.50	66.83	0.00
176	3.50	70.33	0.00
177	3.25	73.58	0.00
178	3.42	77.00	0.00
179	3.92	80.92	0.17
180	3.08	84.00	0.17
181	4.42	88.42	0.75
182	4.00	92.42	0.75

TOTAL DEG. DAYS (C) FOR JUNE/80 = 72.67

HOLYROOD NFLD ... CONTINUED

STATION 15A DEPTH 0.0 LATITUDE 47.42 LONGITUDE 53.17 START MAY 16, 1980 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
193	4.00	96.42	0.75
194	4.00	100.42	0.75
195	3.58	104.00	0.75
196	1.83	105.83	0.75
197	1.00	106.83	0.75
198	1.00	107.83	0.75
199	1.00	108.83	0.75
200	0.83	109.67	0.75
201	0.58	110.25	0.75
202	0.17	110.42	0.75
203	1.00	111.42	0.75
204	2.08	113.50	0.75
205	2.17	115.67	0.75
206	0.33	116.00	0.75
207	0.42	116.42	0.75
208	0.33	116.75	0.75
209	0.33	117.08	0.75
210	0.50	117.58	0.75
211	0.42	118.00	0.75
212	0.83	118.83	0.75
213	1.92	120.75	0.75
214	2.83	123.58	0.75
215	3.00	126.58	0.75
216	3.00	129.58	0.75
217	3.00	132.58	0.75
218	3.00	135.58	0.75
219	2.58	138.17	0.75
220	2.92	141.08	0.75
221	3.00	144.08	0.75
222	2.17	146.25	0.75
223	2.00	148.25	0.75

TOTAL DEG. DAYS (0) FOR JULY/80 = 55.83

224	2.58	150.83	0.75
225	3.25	154.08	0.75
226	4.58	158.67	1.33
227	5.00	163.67	2.33
228	5.00	168.67	3.33
229	4.50	173.17	3.83
230	3.75	176.92	3.92
231	3.42	180.33	3.92
232	2.58	182.92	3.92
233	1.50	184.42	3.92
234	0.58	185.00	3.92
235	0.25	185.25	3.92
236	0.58	185.83	3.92
237	0.75	186.58	3.92
238	0.58	187.17	3.92
239	-0.33	187.17	3.92

HOLYROOD NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
158	0.0	47.42	53.17	MAY 15, 1980 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
230	0.17	187.33	3.92
231	1.17	188.50	3.92
232	1.42	189.92	3.92
233	1.75	191.67	3.92
234	2.08	193.75	3.92
235	2.50	196.25	3.92
236	2.50	198.75	3.92
237	2.50	201.25	3.92
238	2.50	203.75	3.92
239	3.25	207.00	3.92
240	2.67	209.67	3.92
241	2.17	211.83	3.92
242	2.00	213.83	3.92
243	2.50	216.33	3.92
244	3.25	219.58	3.92
TOTAL	DEG. DAYS (0) FOR AUG/80 =	71.33	
245	3.50	223.08	3.92
246	3.33	226.42	3.92
247	2.83	229.25	3.92
248	2.08	231.33	3.92
249	2.92	234.25	3.92
250	3.75	238.00	4.00
251	5.00	243.00	5.00
252	5.25	248.25	6.25
253	5.50	253.75	7.75
254	5.50	259.25	9.25
255	5.50	264.75	10.75
256	5.50	270.25	12.25
257	5.25	275.50	13.50
258	3.33	278.83	13.58
259	1.67	280.50	13.58
260	1.00	281.50	13.58
261	1.92	283.42	13.58
262	2.00	285.42	13.58
263	2.50	287.92	13.58
264	3.08	291.00	13.58
265	5.92	296.92	15.50
266	5.83	302.75	17.33
267	5.50	308.25	19.83
268	5.67	313.92	20.50
269	6.50	320.42	23.00
270	7.33	327.75	26.33
271	8.17	335.92	30.50
272	7.83	343.75	34.33
273	7.92	351.67	38.25
274	6.92	358.58	41.17
TOTAL	DEG. DAYS (0) FOR SEPT/80 =	139.00	

HOLYROOD NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
158	0.0	47.42	53.17	MAY 16, 1980 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
275	6.47	365.25	43.83
276	6.75	372.00	46.58
277	6.92	378.92	49.50
278	5.33	384.25	50.83
279	3.83	388.08	50.92
280	3.17	391.25	50.92
281	4.25	395.50	51.25
282	5.00	400.50	52.25
283	6.92	407.42	55.17
284	7.75	415.17	58.92
285	7.33	422.50	62.25
286	7.92	430.42	66.17
287	7.42	437.83	69.58
288	5.33	443.17	71.08
289	2.67	445.83	71.08
290	1.83	447.67	71.08
291	2.42	450.08	71.08
292	2.75	452.83	71.08
293	5.42	458.25	72.50
294	7.92	466.17	76.42
295	8.75	474.92	81.17
296	10.08	485.00	87.25
297	10.50	495.50	93.75
298	10.42	505.92	100.17
299	9.58	515.50	105.75
300	9.00	524.50	110.75
301	10.75	535.25	117.50
302	11.00	546.25	124.50
303	10.75	557.00	131.25
304	9.42	566.42	136.67
305	8.00	574.42	140.67

TOTAL DEG. DAYS (0) FOR OCT/80 = 215.83

306	7.92	582.33	144.58
307	6.83	589.17	147.42
308	7.75	596.92	151.17
309	5.33	602.25	152.50
310	6.33	608.58	154.83
311	9.33	617.92	160.17
312	10.17	628.08	166.33
313	9.33	637.42	171.67
314	9.25	646.67	176.92
315	9.67	656.33	182.58
316	10.00	666.33	188.58
317	10.92	677.25	195.50
318	11.00	688.25	202.50
319	11.00	699.25	209.50

ESTIMATED DEG. DAYS (0) FOR NOV/80 = 267.50

LOGY BAY

STATION	DEPTH	LATITUDE	LONGITUDE	START
1AA	34.0	47.58	52.47	OCT 18, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
291	9.50	8.50	4.50
292	7.17	15.67	7.67
293	7.00	22.67	10.67
294	6.75	29.42	13.42
295	6.92	36.33	16.33
296	7.08	43.42	19.42
297	6.67	50.08	22.08
298	6.58	56.67	24.67
299	6.83	63.50	27.50
300	6.92	70.42	30.42
301	7.00	77.42	33.42
302	7.00	84.42	36.42
303	7.00	91.42	39.42
304	7.00	98.42	42.42

ESTIMATED DEG. DAYS (0) FOR OCT/82 = 217.92

305	6.83	105.25	45.25
306	6.00	111.25	47.25
307	6.08	117.33	49.33
308	6.00	123.33	51.33
309	6.33	129.67	53.67
310	6.67	136.33	56.33
311	6.67	143.00	59.00
312	6.50	149.50	61.50
313	6.25	155.75	63.75
314	6.00	161.75	65.75
315	6.00	167.75	67.75
316	6.00	173.75	69.75
317	5.75	179.50	71.50
318	4.92	184.42	72.42
319	5.33	189.75	73.75
320	5.00	194.75	74.75
321	4.75	199.50	75.50
322	4.75	204.25	76.25
323	4.50	208.75	76.75
324	4.50	213.25	77.25
325	3.75	217.00	77.33
326	4.17	221.17	77.50
327	4.33	225.50	77.83
328	3.75	229.25	77.83
329	3.33	232.58	77.83
330	4.00	236.58	77.83
331	4.00	240.58	77.83
332	3.50	244.08	77.83
333	3.50	247.58	77.83
334	3.50	251.08	77.83

TOTAL DEG. DAYS (0) FOR NOV/82 = 152.67

LOGY BAY ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
144	34.0	47.58	52.67	OCT 18, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
335	3.00	254.08	77.83
336	2.92	257.00	77.83
337	2.50	259.50	77.83
338	1.50	261.00	77.83
339	2.25	263.25	77.83
340	2.33	265.58	77.83
341	1.67	267.25	77.83
342	2.25	269.50	77.83
343	2.50	272.00	77.83
344	2.25	274.25	77.83
345	1.67	275.92	77.83
346	1.58	277.50	77.83
347	2.00	279.50	77.83
348	1.50	281.00	77.83
349	1.00	282.00	77.83
350	1.00	283.00	77.83
351	1.08	284.08	77.83
352	1.50	285.58	77.83
353	1.50	287.08	77.83
354	1.00	288.08	77.83
355	1.00	289.08	77.83
356	1.00	290.08	77.83
357	1.00	291.08	77.83
358	1.17	292.25	77.83
359	1.17	293.42	77.83
360	1.00	294.42	77.83
361	1.00	295.42	77.83
362	1.00	296.42	77.83
363	1.00	297.42	77.83
364	1.00	298.42	77.83
365	1.00	299.42	77.83

TOTAL DEG. DAYS (C) FOR DEC/82 = 48.33

1	0.83	300.25	77.83
2	0.50	300.75	77.83
3	0.50	301.25	77.83
4	0.50	301.75	77.83
5	0.17	301.92	77.83
6	0.00	301.92	77.83
7	0.50	302.42	77.83
8	0.50	302.92	77.83
9	0.00	302.92	77.83
10	0.00	302.92	77.83
11	0.00	302.92	77.83
12	0.00	302.92	77.83
13	0.00	302.92	77.83
14	0.00	302.92	77.83
15	0.33	303.25	77.83
16	0.50	303.75	77.83

LOGY BAY ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
16A	34.0	47.58	52.67	OCT 18, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
17	0.08	303.83	77.83
18	0.00	303.83	77.83
19	0.00	303.83	77.83
20	0.00	303.83	77.83
21	0.00	303.83	77.83
22	0.00	303.83	77.83
23	0.00	303.83	77.83
24	0.00	303.83	77.83
25	-0.42	303.83	77.83
26	0.00	303.83	77.83
27	0.00	303.83	77.83
28	0.00	303.83	77.83
29	0.00	303.83	77.83
30	0.00	303.83	77.83
31	-0.33	303.83	77.83
TOTAL	DEG. DAYS (0) FOR JAN/83 =	4.42	
32	-0.50	303.83	77.83
33	-0.50	303.83	77.83
34	-0.50	303.83	77.83
35	-0.50	303.83	77.83
36	-0.50	303.83	77.83
37	-0.50	303.83	77.83
38	-0.50	303.83	77.83
39	-0.50	303.83	77.83
40	-0.50	303.83	77.83
41	-0.50	303.83	77.83
42	-0.50	303.83	77.83
43	-0.50	303.83	77.83
44	-0.50	303.83	77.83
45	-0.50	303.83	77.83
46	-0.75	303.83	77.83
47	-1.00	303.83	77.83
48	-1.00	303.83	77.83
49	-1.00	303.83	77.83
50	-1.25	303.83	77.83
51	-1.50	303.83	77.83
52	-1.50	303.83	77.83
53	-1.50	303.83	77.83
54	-1.50	303.83	77.83
55	-1.50	303.83	77.83
56	-1.50	303.83	77.83
57	-1.25	303.83	77.83
58	-1.00	303.83	77.83
59	-1.50	303.83	77.83
TOTAL	DEG. DAYS (0) FOR FEB/83 =	0.00	
60	-1.50	303.83	77.83

LOGY BAY ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
16A	34.0	47.58	52.67	OCT 18, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
61	-1.50	303.83	77.83
62	-1.50	303.83	77.83
63	-1.50	303.83	77.83
64	-1.33	303.83	77.83
65	-1.00	303.83	77.83
66	-1.00	303.83	77.83
67	-1.25	303.83	77.83
68	-1.20	303.83	77.83
69	-1.50	303.83	77.83
70	-1.50	303.83	77.83
71	-1.50	303.83	77.83
72	-1.50	303.83	77.83
73	-1.50	303.83	77.83

ESTIMATED DEG. DAYS (C) FOR MAR/83 = 0.00

COLINET NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
17A	6.0	47.19	53.58	DEC 6, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
340	5.50	5.50	1.50
341	5.00	10.50	2.50
342	5.17	15.67	3.67
343	5.42	21.08	5.08
344	4.83	25.92	5.92
345	4.67	30.58	6.58
346	4.00	34.58	6.58
347	4.33	38.92	6.92
348	4.50	43.42	7.42
349	4.50	47.92	7.92
350	4.00	51.92	8.08
351	3.50	55.42	8.08
352	4.00	59.42	8.08
353	4.17	63.58	8.25
354	4.17	67.75	8.42
355	4.00	71.75	8.42
356	4.00	75.75	8.42
357	4.00	79.75	8.42
358	4.00	83.75	8.42
359	3.83	87.58	8.42
360	3.50	91.08	8.42
361	3.50	94.58	8.42
362	3.50	98.08	8.42
363	3.00	101.08	8.42
364	3.33	104.42	8.42
365	3.33	107.75	8.42

ESTIMATED DEG. DAYS (O) FOR DEC/82 = 128.47

1	3.00	110.75	8.42
2	3.00	113.75	8.42
3	3.00	116.75	8.42
4	3.00	119.75	8.42
5	3.00	122.75	8.42
6	3.00	125.75	8.42
7	3.00	128.75	8.42
8	2.92	131.67	8.42
9	2.50	134.17	8.42
10	2.50	136.67	8.42
11	2.50	139.17	8.42
12	2.50	141.67	8.42
13	2.58	144.25	8.42
14	3.50	147.75	8.42
15	3.25	151.00	8.42
16	2.50	153.50	8.42
17	2.08	155.58	8.42
18	2.00	157.58	8.42
19	2.00	159.58	8.42
20	2.00	161.58	8.42
21	2.00	163.58	8.42

COLINET NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
17A	6.0	47.19	53.58	DEC 6, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
22	2.00	165.58	8.42
23	2.00	167.58	8.42
24	2.00	169.58	8.42
25	2.00	171.58	8.42
26	2.00	173.58	8.42
27	2.00	175.58	8.42
28	2.00	177.58	8.42
29	2.00	179.58	8.42
30	2.00	181.58	8.42
31	2.00	183.58	8.42
TOTAL	DEG. DAYS (C) FOR JAN/83 =	75.83	
32	2.00	185.58	8.42
33	2.00	187.58	8.42
34	2.00	189.58	8.42
35	2.00	191.58	8.42
36	2.00	193.58	8.42
37	2.00	195.58	8.42
38	2.00	197.58	8.42
39	2.00	199.58	8.42
40	2.00	201.58	8.42
41	2.00	203.58	8.42
42	2.00	205.58	8.42
43	2.00	207.58	8.42
44	1.58	209.17	8.42
45	1.50	210.67	8.42
46	1.08	211.75	8.42
47	1.00	212.75	8.42
48	1.00	213.75	8.42
49	1.00	214.75	8.42
50	1.00	215.75	8.42
51	1.00	216.75	8.42
52	1.00	217.75	8.42
53	1.00	218.75	8.42
54	1.00	219.75	8.42
55	1.00	220.75	8.42
56	1.00	221.75	8.42
57	1.00	222.75	8.42
58	1.00	223.75	8.42
59	1.00	224.75	8.42
TOTAL	DEG. DAYS (C) FOR FEB/83 =	41.17	
60	1.00	225.75	8.42
61	1.00	226.75	8.42
62	1.00	227.75	8.42
63	1.00	228.75	8.42
64	1.00	229.75	8.42
65	1.00	230.75	8.42

COLINET NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
17A	6.0	47.19	53.58	DEC 4, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
66	1.00	231.75	8.42
67	0.92	232.67	8.42
68	0.50	233.17	8.42
69	0.50	233.67	8.42
70	0.50	234.17	8.42
71	0.50	234.67	8.42
72	0.50	235.17	8.42
73	0.50	235.67	8.42
74	0.50	236.17	8.42
75	0.50	236.67	8.42
76	0.50	237.17	8.42
77	0.50	237.67	8.42
78	0.58	238.25	8.42
79	1.00	239.25	8.42
80	1.17	240.42	8.42
81	1.00	241.42	8.42
82	1.58	243.00	8.42
83	1.08	244.08	8.42
84	1.75	245.83	8.42
85	2.00	247.83	8.42
86	1.00	248.83	8.42
87	0.50	249.33	8.42
88	0.50	249.83	8.42
89	0.67	250.50	8.42
90	1.00	251.50	8.42

TOTAL DEG. DAYS (0) FOR MAR/83 = 26.75

91	1.00	252.50	8.42
92	0.17	252.67	8.42
93	0.42	253.08	8.42
94	0.00	253.08	8.42
95	0.00	253.08	8.42
96	0.00	253.08	8.42
97	0.33	253.42	8.42
98	0.67	254.08	8.42
99	1.42	255.50	8.42
100	1.00	256.50	8.42
101	1.08	257.58	8.42
102	1.67	259.25	8.42
103	1.83	261.08	8.42
104	1.00	262.08	8.42
105	1.00	263.08	8.42
106	1.00	264.08	8.42
107	1.42	265.50	8.42
108	2.17	267.67	8.42
109	2.17	269.83	8.42
110	2.08	271.92	8.42
111	2.25	274.17	8.58
112	2.08	276.25	8.58

COLINET NFLD. ... CONTINUED

STATION 17A DEPTH 6.0 LATITUDE 47.19 LONGITUDE 53.58 START DEC 6, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
113	3.33	279.58	8.58
114	2.17	281.75	8.58
115	2.00	283.75	8.58
116	2.17	285.92	8.58
117	3.67	289.58	8.92
118	4.50	294.08	9.42
119	5.42	299.50	10.83
120	5.83	305.33	12.67
TOTAL DEG. DAYS (0) FOR APR/83 = 53.83			
121	6.00	311.33	14.67
122	6.17	317.50	16.83
123	5.58	323.08	18.42
124	5.25	328.33	19.67
125	5.67	334.00	21.33
126	6.50	340.50	23.33

COLINET NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
178	16.0	47.19	53.58	MAY 26, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
146	0.50	0.50	0.00
147	0.25	0.75	0.00
148	0.00	0.75	0.00
149	0.33	1.08	0.00
150	1.83	2.92	0.00
151	2.33	5.25	0.00
152	3.17	8.42	0.00
153	4.58	13.00	0.58
154	5.42	18.42	2.00
155	5.50	23.92	3.50
156	5.42	29.33	4.92
157	5.25	34.58	6.17
158	5.00	39.58	7.17
159	5.00	44.58	8.17
160	5.42	50.00	9.58
161	5.67	55.67	11.25
162	5.92	61.58	13.17
163	5.00	66.58	14.17
164	6.17	72.75	16.33
165	3.50	76.25	16.33
166	3.00	79.25	16.33
167	3.00	82.25	16.33
168	3.83	86.08	16.42
169	5.00	91.08	17.75
170	7.58	98.67	21.33
171	8.00	106.67	25.33
172	4.92	111.58	26.25
173	4.00	115.58	26.25
174	5.08	120.67	27.33
175	6.50	127.17	29.83
176	5.00	132.17	30.83
177	4.83	137.00	31.67
178	4.00	141.00	31.67
179	4.00	145.00	31.67
180	5.67	150.67	33.33
181	8.92	159.58	38.25

TOTAL DEG. DAYS (0) FOR JUNE/83 = 154.33

182	11.33	170.92	45.58
183	11.25	182.17	52.83
184	9.58	191.75	58.42
185	5.33	197.08	59.75
186	7.92	205.00	63.67
187	11.92	216.92	71.58
188	8.33	225.25	75.92
189	13.00	238.25	84.92
190	10.67	248.92	91.58
191	8.83	257.75	96.42
192	8.83	266.58	101.25

COLINET NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
178	16.0	47.19	53.58	MAY 26, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
193	8.92	275.50	106.17
194	8.67	284.17	110.83
195	9.42	293.58	116.25
196	8.33	301.92	120.58
197	9.67	311.58	126.25
198	11.83	323.42	134.08
199	14.83	338.25	144.92
200	15.00	353.25	155.92
201	15.00	368.25	166.92
202	11.58	379.83	174.50
203	13.17	393.00	183.67
204	13.33	406.33	193.00
205	13.50	419.83	202.50
206	8.67	428.50	207.17
207	9.50	438.00	212.67
208	13.00	451.00	221.67
209	13.00	464.00	230.67
210	13.33	477.33	240.00
211	15.67	493.00	251.67
212	16.00	509.00	263.67

TOTAL DEG. DAYS (0) FOR JULY/83 = 349.42

213	10.08	519.08	269.75
214	14.67	533.75	280.42
215	15.50	549.25	291.92
216	14.83	564.08	302.75
217	7.92	572.00	306.75
218	11.67	583.67	314.42
219	15.58	599.25	326.00
220	15.58	614.83	337.58
221	13.75	628.58	347.33
222	14.83	643.42	358.17
223	16.00	659.42	370.17
224	13.00	672.42	379.17
225	9.50	681.92	384.67
226	4.50	686.42	385.17
227	9.50	695.92	390.67
228	12.33	708.25	399.00
229	13.25	721.50	408.25
230	12.08	733.58	416.33
231	8.50	742.08	420.83
232	8.00	750.08	424.83
233	10.92	761.00	431.75
234	13.33	774.33	441.08
235	12.33	786.67	449.42
236	12.83	799.50	458.25
237	11.17	810.67	465.42
238	13.08	823.75	474.50
239	13.50	837.25	484.00

COLINET NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
178	16.0	47.19	53.58	MAY 26, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
240	12.83	850.08	492.83
241	7.00	857.08	495.93
242	7.17	864.25	499.00
243	7.25	871.50	502.25
TOTAL	DEG. DAYS (C) FOR AUG/83 =	362.50	
244	9.75	881.25	508.00
245	9.92	891.17	513.92
246	10.17	901.33	520.08
247	10.33	911.67	526.42
248	10.75	922.42	533.17
249	11.42	933.83	540.58
250	11.50	945.33	548.08
251	11.00	956.33	555.08
252	11.75	968.08	562.83
253	12.00	980.08	570.83
254	11.83	991.92	578.57
255	11.67	1003.58	586.33
256	11.50	1015.08	593.93
257	11.67	1026.75	601.50
258	11.00	1037.75	608.50
259	10.00	1047.75	614.50
260	10.00	1057.75	620.50
261	11.00	1068.75	627.50
262	10.17	1078.92	633.67
263	11.00	1089.92	640.67
264	11.00	1100.92	647.67
265	11.00	1111.92	654.67
266	11.58	1123.50	662.25
267	12.00	1135.50	670.25
268	12.00	1147.50	678.25
269	11.00	1158.50	685.25
270	11.08	1169.58	692.33
271	11.50	1181.08	699.93
272	11.50	1192.58	707.33
273	11.09	1203.67	714.42
TOTAL	DEG. DAYS (C) FOR SEPT/83 =	332.17	
274	9.17	1212.83	719.58
275	9.00	1221.83	724.58
276	10.17	1232.00	730.75
277	10.75	1242.75	737.50
278	11.00	1253.75	744.50

COLINET NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
17C	6.0	47.19	53.58	MAY 6, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
126	6.00	6.00	2.00
127	5.92	11.92	3.92
128	5.33	17.25	5.25
129	5.17	22.42	6.42
130	3.58	26.00	6.58
131	1.00	27.00	6.58
132	1.00	28.00	6.58
133	1.00	29.00	6.58
134	1.00	30.00	6.58
135	0.92	30.92	6.58
136	1.75	32.67	6.58
137	2.67	35.33	6.58
138	3.75	39.08	6.83
139	4.83	43.92	7.67
140	5.17	49.08	8.83
141	5.67	54.75	11.50
142	5.67	60.42	14.17
143	5.42	65.83	15.58
144	3.08	68.92	15.92
145	1.17	70.08	15.92
146	1.33	71.42	15.92
147	0.75	72.17	15.92
148	1.33	73.50	15.92
149	1.67	75.17	15.92
150	2.75	77.92	15.92
151	3.33	81.25	15.92

ESTIMATED DEG. DAYS (0) FOR MAY/83 = 99.25

152	4.33	85.58	16.25
153	5.00	90.58	17.25
154	6.00	96.58	19.25
155	6.00	102.58	21.25
156	6.33	108.92	23.58
157	6.50	115.42	26.08
158	6.00	121.42	28.08
159	6.42	127.83	30.50
160	6.67	134.50	33.17
161	7.33	141.83	36.50
162	7.33	149.17	39.83
163	7.75	156.92	42.58
164	7.58	164.50	46.17
165	5.25	169.75	47.42
166	3.92	173.67	47.42
167	4.83	178.50	48.25
168	5.00	183.50	50.25
169	5.83	189.33	53.08
170	7.58	196.92	56.67
171	8.58	205.50	61.25
172	8.00	213.50	65.25

COLINET NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
17C	5.0	47.19	53.58	MAY 5, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (A)
173	6.00	222.50	67.25
174	8.50	231.00	71.75
175	9.75	240.75	77.50
176	9.92	250.67	83.42
177	9.58	260.25	89.00
178	10.00	270.25	95.00
179	9.25	279.50	100.25
180	10.50	290.00	106.75
181	12.42	302.42	115.17
TOTAL	DEG. DAYS (C) FOR JUNE/83 =	219.17	
182	13.08	315.50	124.25
183	13.00	328.50	133.25
184	12.75	341.25	142.00
185	9.33	350.58	147.33
186	12.08	362.67	155.42
187	12.25	374.92	163.67
188	13.08	388.00	172.75
189	13.50	401.50	182.25
190	13.00	414.50	191.25
191	13.50	428.00	200.75
192	12.00	440.00	208.75
193	12.08	452.08	216.83
194	13.92	466.00	226.75
195	11.50	477.50	234.25
196	13.50	491.00	243.75
197	15.83	506.83	255.58
198	14.33	521.17	265.92
199	17.92	539.08	279.33
200	16.33	555.42	292.17
201	16.00	571.42	304.17
202	16.17	587.58	316.33
203	16.75	604.33	329.08
204	16.67	621.00	341.75
205	17.08	638.08	354.83
206	15.42	653.50	366.25
207	14.17	667.67	376.42
208	14.83	682.50	387.25
209	14.33	696.83	397.58
210	16.00	712.83	409.58
211	16.00	728.83	421.58
212	16.00	744.83	433.58
TOTAL	DEG. DAYS (C) FOR JULY/83 =	442.42	
213	15.42	760.25	445.00
214	16.00	776.25	457.00
215	16.00	792.25	469.00
216	16.00	808.25	481.00

COLINET NELD. ... CONTINUED

STATION 170 DEPTH 5.0 LATITUDE 47.19 LONGITUDE 53.58 START MAY 6, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
217	13.75	822.00	490.75
218	16.00	838.00	502.75
219	16.00	854.00	514.75
220	16.08	870.08	526.83
221	16.17	886.25	539.00
222	16.00	902.25	551.00
223	17.00	919.25	564.00
224	14.75	934.00	574.75
225	14.25	948.25	585.00
226	6.42	954.67	587.42
227	11.00	965.67	594.42
228	12.00	977.67	602.42
229	13.17	990.83	611.58
230	13.50	1004.33	621.08
231	12.42	1016.75	629.50
232	12.17	1028.92	637.67
233	13.33	1042.25	647.00
234	14.50	1056.75	657.50
235	14.00	1070.75	667.50
236	13.83	1084.58	677.33
237	12.25	1096.83	685.58
238	14.00	1110.83	695.58
239	14.00	1124.83	705.58
240	13.58	1138.42	715.17
241	9.67	1148.08	720.83
242	9.33	1157.42	726.17
243	9.67	1167.08	731.83

TOTAL DEG. DAYS (C) FOR AUG/83 = 422.25

244	11.00	1178.08	738.83
245	11.50	1189.58	746.33
246	10.58	1200.17	752.92
247	11.00	1211.17	759.92
248	11.00	1222.17	766.92
249	11.25	1233.42	774.17
250	11.92	1245.33	782.08
251	12.00	1257.33	790.08
252	12.00	1269.33	798.08
253	12.00	1281.33	806.08
254	12.00	1293.33	814.08
255	12.00	1305.33	822.08
256	12.00	1317.33	830.08
257	12.33	1329.67	838.42
258	11.67	1341.33	846.08
259	10.58	1351.92	852.67
260	10.92	1362.83	859.58
261	11.00	1373.83	866.58
262	11.00	1384.83	873.58
263	11.83	1396.67	881.42

COLINET NFLD. ... CONTINUED

STATION 17C DEPTH 5.0 LATITUDE 47.19 LONGITUDE 53.58 START MAY 6, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
264	11.00	1407.67	888.42
265	11.08	1418.75	895.50
266	12.17	1430.92	903.67
267	12.00	1442.92	911.67
268	12.00	1454.92	919.67
269	12.00	1466.92	927.67
270	12.00	1478.92	935.67
271	12.00	1490.92	943.67
272	12.00	1502.92	951.67
273	11.67	1514.58	959.33

TOTAL DEG. DAYS (0) FOR SEPT/83 = 347.50

274	10.50	1525.08	965.83
275	9.67	1534.75	971.50
276	10.50	1545.25	978.00
277	10.67	1555.92	984.67
279	11.00	1566.92	991.67

BECKFORD HEAD ST. MARY'S BAY NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
19	1.0	46.89	53.87	JUNE 21, 1983 12:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
172	7.17	7.17	3.17
173	7.92	15.08	7.08
174	8.25	23.33	11.33
175	8.00	31.33	15.33
176	7.33	38.67	18.67
177	7.67	46.33	22.33
178	9.67	56.00	28.00
179	8.50	64.50	32.50
180	4.50	69.00	33.00
181	3.75	72.75	33.00

ESTIMATED DEG. DAYS (C) FOR JUNE/83 = 218.25

182	4.17	76.92	33.25
183	5.58	82.50	34.83
184	6.33	88.83	37.17
185	9.00	97.83	42.17
186	8.17	106.00	46.33
187	5.83	111.83	48.17
188	8.25	120.08	52.42
189	5.75	125.83	54.17
190	9.50	135.33	59.67
191	11.00	146.33	66.67
192	11.83	158.17	74.50
193	12.00	170.17	82.50
194	12.42	182.58	90.92
195	13.58	196.17	100.50
196	15.25	211.42	111.75
197	13.42	224.83	121.17
198	13.17	238.00	130.33
199	8.33	246.33	134.67
200	9.17	255.50	139.83
201	10.80	266.30	146.63

ESTIMATED DEG. DAYS (C) FOR JULY/83 = 300.00

SHAG ROCKS NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
198	14.0	47.42	53.83	APR 14, 1981 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
106	0.50	0.67	0.00
107	1.00	1.67	0.00
108	1.00	2.67	0.00
109	1.00	3.67	0.00
110	1.00	4.67	0.00
111	1.00	5.67	0.00
112	1.00	6.67	0.00
113	1.42	8.08	0.00
114	1.50	9.58	0.00
115	1.58	11.17	0.00
116	2.00	13.17	0.00
117	2.00	15.17	0.00
118	2.08	17.25	0.00
119	3.00	20.25	0.00
120	3.00	23.25	0.00

ESTIMATED DEG. DAYS (C) FOR APR/81 = 46.50

121	3.00	26.25	0.00
122	3.00	29.25	0.00
123	3.00	32.25	0.00
124	3.00	35.25	0.00
125	3.00	38.25	0.00
126	3.08	41.33	0.00
127	3.58	44.92	0.00
128	4.00	48.92	0.00
129	4.00	52.92	0.00
130	4.00	56.92	0.00
131	4.42	61.33	0.42
132	4.50	65.83	0.92
133	4.42	70.25	1.33
134	4.58	74.83	1.92
135	5.50	80.33	3.42
136	5.83	86.17	5.25
137	6.08	92.25	7.33
138	6.50	98.75	9.83
139	6.50	105.25	12.33
140	6.50	111.75	14.83
141	7.00	118.75	17.83
142	7.00	125.75	20.83
143	4.00	129.75	21.33
144	2.50	132.25	21.33
145	2.92	135.17	21.33
146	4.50	139.67	21.83
147	4.17	143.83	22.00
148	4.50	148.33	22.50
149	5.50	153.83	24.00
150	5.50	159.33	25.50
151	7.00	166.33	28.50

TOTAL DEG. DAYS (C) FOR MAY/81 = 143.08

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
198	14.0	47.42	53.83	APR 16, 1981 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
152	7.58	173.92	32.08
153	8.00	181.92	36.08
154	8.00	189.92	40.08
155	8.00	197.92	44.08
156	8.00	205.92	48.08
157	8.00	213.92	52.08
158	8.00	221.92	56.08
159	8.00	229.92	60.08
160	7.08	237.00	63.17
161	2.00	239.00	63.17
162	1.17	240.17	63.17
163	1.83	242.00	63.17
164	5.33	247.33	64.50
165	6.08	253.42	66.58
166	7.08	260.50	69.67
167	7.67	268.17	73.33
168	7.67	275.83	77.00
169	7.00	282.83	80.00
170	8.00	290.83	84.00
171	8.00	298.83	88.00
172	8.42	307.25	92.42
173	8.83	316.08	97.25
174	9.00	325.08	102.25
175	9.00	334.08	107.25
176	9.33	343.42	112.58
177	10.00	353.42	118.58
178	9.58	363.00	124.17
179	9.17	372.17	129.33
180	9.25	381.42	134.58
181	10.42	391.83	141.00

TOTAL DEG. DAYS (0) FOR JUNE/81 = 225.50

182	10.17	402.00	147.17
183	10.42	412.42	153.58
184	11.00	423.42	160.58
185	11.08	434.50	167.67
186	11.92	446.42	175.58
187	11.75	458.17	183.33
188	11.50	469.67	190.83
189	9.00	478.67	195.83
190	9.17	487.83	201.00
191	10.67	498.50	207.67
192	6.42	504.92	210.08
193	9.58	514.50	215.67
194	11.00	525.50	222.67
195	11.00	536.50	229.67
196	11.00	547.50	236.67
197	11.00	558.50	243.67
198	11.00	569.50	250.67

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
19A	14.0	47.42	53.83	APR 15, 1981 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
199	11.33	580.83	258.00
200	11.00	591.83	265.00
201	11.00	602.83	272.00
202	11.67	614.50	279.67
203	13.00	627.50	288.67
204	12.58	640.08	297.25
205	12.75	652.83	306.00
206	14.00	666.83	316.00
207	14.00	680.83	326.00
208	14.00	694.83	336.00
209	14.00	708.83	346.00
210	14.00	722.83	356.00
211	11.92	734.75	363.92
212	10.83	745.58	370.75

TOTAL DEG. DAYS (C) FOR JULY/81 = 353.75

213	13.92	759.50	380.67
214	14.08	773.58	390.75
215	14.50	788.08	401.25
216	14.50	802.58	411.75
217	9.75	812.33	417.50
218	2.50	814.83	417.50
219	5.67	820.50	419.67
220	10.58	831.08	426.25
221	10.58	841.67	432.83
222	11.67	853.33	440.50
223	14.00	867.33	450.50
224	14.42	881.75	460.92
225	14.50	896.25	471.42
226	14.75	911.00	482.17
227	15.00	926.00	493.17
228	15.00	941.00	504.17
229	15.00	956.00	515.17
230	15.00	971.00	526.17
231	14.50	985.50	536.67
232	13.25	998.75	545.92
233	14.50	1013.25	556.42
234	12.83	1026.08	565.25
235	15.00	1041.08	576.25
236	9.83	1050.92	582.08
237	7.75	1058.67	585.83
238	12.42	1071.08	594.25
239	13.00	1084.08	603.25
240	13.42	1097.50	612.67
241	13.50	1111.00	622.17
242	13.50	1124.50	631.67
243	14.00	1138.50	641.67

TOTAL DEG. DAYS (C) FOR AUG/81 = 392.92

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
19A	14.0	47.42	53.83	APR 15, 1981 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
244	14.00	1152.50	651.67
245	14.00	1166.50	661.67
246	14.00	1180.50	671.67
247	14.00	1194.50	681.67
248	13.92	1208.42	691.58
249	12.50	1220.92	700.08
250	8.67	1229.58	704.75
251	10.50	1240.08	711.25
252	12.67	1252.75	719.92
253	13.00	1265.75	728.92
254	13.00	1278.75	737.92
255	13.75	1292.50	747.67
256	14.00	1306.50	757.67
257	14.00	1320.50	767.67
258	14.00	1334.50	777.67
259	14.00	1348.50	787.67
260	14.00	1362.50	797.67
261	14.00	1376.50	807.67
262	14.00	1390.50	817.67
263	14.00	1404.50	827.67
264	14.00	1418.50	837.67
265	14.00	1432.50	847.67
266	13.92	1446.42	857.58
267	13.08	1459.50	866.67
268	13.00	1472.50	875.67
269	13.00	1485.50	884.67
270	12.25	1497.75	892.92
271	12.00	1509.75	900.92
272	12.00	1521.75	908.92
273	12.00	1533.75	916.92

TOTAL DEG. DAYS (0) FOR SEPT/81 = 395.25

274	12.00	1545.75	924.92
275	12.00	1557.75	932.92
276	12.00	1569.75	940.92
277	12.00	1581.75	948.92
278	12.00	1593.75	956.92
279	12.00	1605.75	964.92
280	12.00	1617.75	972.92
281	11.42	1629.17	980.33
282	9.58	1638.75	985.92
283	10.50	1649.25	992.42

ESTIMATED DEG. DAYS (0) FOR OCT/81 = 358.05

SHAG ROCKS NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
199	9.0	47.42	53.83	NOV 23, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
327	6.25	6.25	2.25
328	6.00	12.25	4.25
329	6.00	18.25	6.25
330	6.00	24.25	8.25
331	6.00	30.25	10.25
332	5.67	35.92	11.92
333	5.33	41.25	13.25
334	5.00	46.25	14.25
335	5.00	51.25	15.25
336	5.00	56.25	16.25
337	5.00	61.25	17.25
338	4.50	65.75	17.75
339	4.50	70.25	18.25
340	4.33	74.58	18.58
341	4.00	78.58	18.58
342	4.00	82.58	18.58
343	4.00	86.58	18.58
344	3.83	90.42	18.58
345	3.25	93.67	18.58
346	3.00	96.67	18.58
347	3.00	99.67	18.58
348	2.75	102.42	18.58
349	2.50	104.92	18.58
350	2.50	107.42	18.58
351	2.50	109.92	18.58
352	2.42	112.33	18.58
353	2.33	114.67	18.58
354	2.50	117.17	18.58
355	2.50	119.67	18.58
356	2.50	122.17	18.58
357	2.50	124.67	18.58
358	2.50	127.17	18.58
359	2.50	129.67	18.58
360	2.08	131.75	18.58
361	2.00	133.75	18.58
362	2.00	135.75	18.58
363	2.00	137.75	18.58
364	2.00	139.75	18.58
365	2.00	141.75	18.58
TOTAL	DEG. DAYS (0) FOR DEC/82 =	95.50	
1	2.00	143.75	18.58
2	1.67	145.42	18.58
3	1.50	146.92	18.58
4	1.50	148.42	18.58
5	1.08	149.50	18.58
6	1.00	150.50	18.58
7	1.00	151.50	18.58
8	1.00	152.50	18.58

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
198	9.0	47.42	53.83	NOV 23, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
9	1.00	153.50	18.58
10	1.00	154.50	18.58
11	1.00	155.50	18.58
12	1.00	156.50	18.58
13	1.00	157.50	18.58
14	1.00	158.50	18.58
15	1.00	159.50	18.58
16	1.00	160.50	18.58
17	1.00	161.50	18.58
18	1.00	162.50	18.58
19	1.00	163.50	18.58
20	1.00	164.50	18.58
21	1.00	165.50	18.58
22	0.67	166.17	18.58
23	0.50	166.67	18.58
24	0.50	167.17	18.58
25	0.50	167.67	18.58
26	0.50	168.17	18.58
27	0.50	168.67	18.58
28	0.50	169.17	18.58
29	0.50	169.67	18.58
30	0.50	170.17	18.58
31	0.50	170.67	18.58

TOTAL DEG. DAYS (C) FOR JAN/83 = 28.92

32	0.33	171.00	18.58
33	0.00	171.00	18.58
34	0.00	171.00	18.58
35	0.00	171.00	18.58
36	0.00	171.00	18.58
37	0.25	171.25	18.58
38	0.50	171.75	18.58
39	0.50	172.25	18.58
40	0.50	172.75	18.58
41	0.50	173.25	18.58
42	0.25	173.50	18.58
43	0.00	173.50	18.58
44	0.00	173.50	18.58
45	0.00	173.50	18.58
46	0.00	173.50	18.58
47	0.00	173.50	18.58
48	0.00	173.50	18.58
49	0.00	173.50	18.58
50	0.00	173.50	18.58
51	0.00	173.50	18.58
52	-0.33	173.50	18.58
53	-0.50	173.50	18.58
54	-0.50	173.50	18.58
55	-0.50	173.50	18.58

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
198	9.0	47.42	53.83	NOV 23, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
56	-0.50	173.50	18.58
57	-0.50	173.50	18.58
58	-0.50	173.50	18.58
59	-0.50	173.50	18.58
TOTAL	DEG. DAYS (0) FOR FEB/83 =	2.83	
60	-0.50	173.50	18.58
61	-0.50	173.50	18.58
62	-0.50	173.50	18.58
63	-0.50	173.50	18.58
64	-0.50	173.50	18.58
65	-0.50	173.50	18.58
66	-0.50	173.50	18.58
67	-0.50	173.50	18.58
68	-0.50	173.50	18.58
69	-0.50	173.50	18.58
70	-0.50	173.50	18.58
71	-0.50	173.50	18.58
72	-0.50	173.50	18.58
73	-0.50	173.50	18.58
74	-0.50	173.50	18.58
75	-0.50	173.50	18.58
76	-0.50	173.50	18.58
77	-0.50	173.50	18.58
78	-0.50	173.50	18.58
79	-0.50	173.50	18.58
80	-0.42	173.50	18.58
81	0.00	173.50	18.58
82	0.00	173.50	18.58
83	0.00	173.50	18.58
84	-0.75	173.50	18.58
85	-0.58	173.50	18.58
86	-0.50	173.50	18.58
87	-0.50	173.50	18.58
88	-0.50	173.50	18.58
89	-0.42	173.50	18.58
90	-0.50	173.50	18.58
TOTAL	DEG. DAYS (0) FOR MAR/83 =	0.00	
91	-1.00	173.50	18.58
92	-1.00	173.50	18.58
93	-1.00	173.50	18.58
94	-1.00	173.50	18.58
95	-1.00	173.50	18.58
96	-1.00	173.50	18.58
97	-0.83	173.50	18.58
98	-0.50	173.50	18.58
99	0.00	173.50	18.58

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
198	9.0	47.42	53.83	NOV 23, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
100	0.00	173.50	18.58
101	0.00	173.50	18.58
102	0.00	173.50	18.58
103	0.00	173.50	18.58
104	0.00	173.50	18.58
105	-0.17	173.50	18.58
106	-0.42	173.50	18.58
107	0.00	173.50	18.58
108	0.08	173.58	18.58
109	0.50	174.08	18.58
110	0.58	174.67	18.58
111	1.00	175.67	18.58
112	1.00	176.67	18.58

ESTIMATED DEG. DAYS (0) FOR APR/83 = 4.32

SHAG ROCKS NELD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
19C	9.0	47.42	53.93	NOV 23, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
327	5.50	5.50	2.50
328	5.08	12.58	4.58
329	4.00	18.58	6.58
330	6.00	24.58	8.58
331	6.00	30.58	10.58
332	5.75	36.33	12.33
333	5.50	41.83	13.83
334	5.50	47.33	15.33
335	5.33	52.67	16.67
336	5.00	57.67	17.67
337	5.00	62.67	18.67
338	4.67	67.33	19.33
339	4.50	71.83	19.83
340	4.50	76.33	20.33
341	4.50	80.83	20.83
342	4.42	85.25	21.25
343	4.00	89.25	21.25
344	4.00	93.25	21.25
345	3.67	96.92	21.25
346	3.50	100.42	21.25
347	3.50	103.92	21.25
348	3.08	107.00	21.25
349	3.00	110.00	21.25
350	3.00	113.00	21.25
351	3.00	116.00	21.25
352	2.83	118.83	21.25
353	2.50	121.33	21.25
354	2.50	123.83	21.25
355	2.83	126.67	21.25
356	3.00	129.67	21.25
357	3.00	132.67	21.25
358	3.00	135.67	21.25
359	2.75	138.42	21.25
360	2.50	140.92	21.25
361	2.50	143.42	21.25
362	2.17	145.58	21.25
363	2.00	147.58	21.25
364	2.00	149.58	21.25
365	2.00	151.58	21.25
TOTAL	DEG. DAYS (C) FOR DEC/82 =	104.25	
1	2.00	153.58	21.25
2	2.00	155.58	21.25
3	2.00	157.58	21.25
4	1.92	159.50	21.25
5	1.25	160.75	21.25
6	1.00	161.75	21.25
7	1.00	162.75	21.25
8	1.00	163.75	21.25

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
190	9.0	47.42	53.83	NOV 23, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (D)	DEG. DAY (4)
9	1.00	164.75	21.25
10	1.00	165.75	21.25
11	1.00	166.75	21.25
12	1.00	167.75	21.25
13	1.00	168.75	21.25
14	1.00	169.75	21.25
15	1.00	170.75	21.25
16	1.00	171.75	21.25
17	1.00	172.75	21.25
18	1.00	173.75	21.25
19	1.00	174.75	21.25
20	1.00	175.75	21.25
21	1.00	176.75	21.25
22	1.00	177.75	21.25
23	1.00	178.75	21.25
24	1.00	179.75	21.25
25	1.00	180.75	21.25
26	1.00	181.75	21.25
27	1.00	182.75	21.25
28	1.00	183.75	21.25
29	1.00	184.75	21.25
30	1.00	185.75	21.25
31	0.75	186.50	21.25

TOTAL DEG. DAYS (D) FOR JAN/83 = 34.92

32	0.50	187.00	21.25
33	0.50	187.50	21.25
34	0.50	188.00	21.25
35	0.50	188.50	21.25
36	0.50	189.00	21.25
37	0.50	189.50	21.25
38	0.50	190.00	21.25
39	0.50	190.50	21.25
40	0.50	191.00	21.25
41	0.50	191.50	21.25
42	0.50	192.00	21.25
43	0.50	192.50	21.25
44	0.50	193.00	21.25
45	0.42	193.42	21.25
46	0.00	193.42	21.25
47	0.00	193.42	21.25
48	0.00	193.42	21.25
49	0.00	193.42	21.25
50	0.00	193.42	21.25
51	0.00	193.42	21.25
52	0.00	193.42	21.25
53	0.00	193.42	21.25
54	0.00	193.42	21.25
55	0.00	193.42	21.25

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
190	0.0	47.42	53.93	NOV 23, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (D)	DEG. DAY (A)
56	0.00	193.42	21.25
57	0.00	193.42	21.25
58	0.00	193.42	21.25
59	0.00	193.42	21.25
TOTAL DEG. DAYS (D) FOR FEB/83 =		6.92	
60	0.00	193.42	21.25
61	0.00	193.42	21.25
62	0.00	193.42	21.25
63	0.00	193.42	21.25
64	0.00	193.42	21.25
65	0.00	193.42	21.25
66	0.00	193.42	21.25
67	0.00	193.42	21.25
68	0.00	193.42	21.25
69	0.00	193.42	21.25
70	0.00	193.42	21.25
71	0.00	193.42	21.25
72	0.00	193.42	21.25
73	0.00	193.42	21.25
74	0.00	193.42	21.25
75	0.00	193.42	21.25
76	0.00	193.42	21.25
77	0.00	193.42	21.25
78	0.00	193.42	21.25
79	0.00	193.42	21.25
80	0.00	193.42	21.25
81	0.00	193.42	21.25
82	0.00	193.42	21.25
83	0.00	193.42	21.25
84	-0.67	193.42	21.25
85	-0.75	193.42	21.25
86	-0.50	193.42	21.25
87	-0.50	193.42	21.25
88	-0.50	193.42	21.25
89	-0.50	193.42	21.25
90	-0.50	193.42	21.25
TOTAL DEG. DAYS (D) FOR MAR/83 =		0.00	
91	-0.92	193.42	21.25
92	-1.00	193.42	21.25
93	-1.00	193.42	21.25
94	-1.00	193.42	21.25
95	-1.00	193.42	21.25
96	-1.00	193.42	21.25
97	-0.92	193.42	21.25
98	-0.50	193.42	21.25
99	0.00	193.42	21.25

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
190	9.0	47.42	53.83	NOV 23, 1982 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
100	0.00	193.42	21.25
101	0.00	193.42	21.25
102	0.00	193.42	21.25
103	0.00	193.42	21.25
104	0.00	193.42	21.25
105	0.00	193.42	21.25
106	0.00	193.42	21.25
107	0.00	193.42	21.25
108	0.00	193.42	21.25
109	0.42	193.83	21.25
110	0.50	194.33	21.25
111	0.50	194.83	21.25
112	0.50	195.33	21.25

ESTIMATED DEG. DAYS (0) FOR APR/83 = 2.61

SHAG ROCKS NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
190	9.0	47.42	53.83	APR 22, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
112	1.00	1.00	0.00
113	1.67	2.67	0.00
114	2.00	4.67	0.00
115	2.00	6.67	0.00
116	1.67	8.33	0.00
117	2.17	10.50	0.00
118	2.50	13.00	0.00
119	2.50	15.50	0.00
120	2.50	18.00	0.00
121	2.50	20.50	0.00
122	2.50	23.00	0.00
123	2.50	25.50	0.00
124	2.67	28.17	0.00
125	3.00	31.17	0.00
126	3.00	34.17	0.00
127	3.00	37.17	0.00
128	3.00	40.17	0.00
129	3.00	43.17	0.00
130	2.92	46.08	0.00
131	1.08	47.17	0.00
132	0.00	47.17	0.00
133	0.00	47.17	0.00
134	1.17	48.33	0.00
135	1.50	49.83	0.00
136	2.00	51.83	0.00
137	2.00	53.83	0.00
138	2.83	56.67	0.00
139	3.50	60.17	0.00
140	4.00	64.17	0.00
141	4.00	68.17	0.00
142	4.00	72.17	0.00
143	4.00	76.17	0.00
144	3.50	79.67	0.00
145	1.25	80.92	0.00
146	1.00	81.92	0.00
147	1.00	82.92	0.00
148	1.00	83.92	0.00
149	2.00	85.92	0.00
150	3.00	88.92	0.00
151	3.58	92.50	0.00
TOTAL DEG. DAYS (0) FOR MAY/83 =		74.50	
152	4.00	96.50	0.00
153	4.00	100.50	0.00
154	4.00	104.50	0.00
155	4.50	109.00	0.50
156	4.75	113.75	1.25
157	5.00	118.75	2.25
158	5.00	123.75	3.25

SHAG ROCKS NFLD. ... CONTINUED

STATION 190 DEPTH 0.0 LATITUDE 47.42 LONGITUDE 53.83 START APR 22, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
159	5.42	129.17	4.67
160	6.00	135.17	6.67
161	6.00	141.17	8.67
162	6.00	147.17	10.67
163	6.00	153.17	12.67
164	6.00	159.17	14.67
165	5.58	164.75	16.25
166	5.17	169.92	17.42
167	6.00	175.92	19.42
168	5.83	181.75	21.25
169	5.92	187.67	23.17
170	7.00	194.67	26.17
171	7.00	201.67	29.17
172	7.00	208.67	32.17
173	7.00	215.67	35.17
174	7.25	222.92	38.42
175	8.00	230.92	42.42
176	8.50	239.42	46.92
177	8.92	248.33	51.83
178	8.83	257.17	56.67
179	8.25	265.42	60.92
180	9.58	275.00	66.50
181	10.00	285.00	72.50

TOTAL DEG. DAYS (0) FOR JUNE/83 = 192.50

182	10.00	295.00	78.50
183	10.00	305.00	84.50
184	10.00	315.00	90.50
185	10.00	325.00	96.50
186	10.00	335.00	102.50
187	10.00	345.00	108.50
188	10.17	355.17	114.67
189	10.75	365.92	121.42
190	11.00	376.92	128.42
191	11.08	388.00	135.50
192	11.50	399.50	143.00
193	12.00	411.50	151.00
194	12.92	424.42	159.92
195	12.83	437.25	168.75
196	13.50	450.75	178.25
197	14.00	464.75	188.25
198	14.00	478.75	198.25
199	13.58	492.33	207.83
200	13.50	505.83	217.33
201	13.92	519.75	227.25
202	14.00	533.75	237.25
203	14.00	547.75	247.25
204	14.00	561.75	257.25
205	14.00	575.75	267.25

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
190	9.0	47.42	53.83	APR 22, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
206	14.00	589.75	277.25
207	14.08	603.83	287.33
208	14.33	618.17	297.67
209	14.58	632.75	308.25
210	14.58	647.33	318.83
211	14.50	661.83	329.33
212	14.25	676.08	339.58
TOTAL	DEG. DAYS (C) FOR JULY/83 =	391.08	
213	14.50	690.58	350.08
214	14.58	705.17	360.67
215	14.50	719.67	371.17
216	14.50	734.17	381.67
217	14.50	748.67	392.17
218	14.67	763.33	402.83
219	15.00	778.33	413.83
220	14.83	793.17	424.67
221	15.00	808.17	435.67
222	15.00	823.17	446.67
223	15.00	838.17	457.67
224	15.00	853.17	468.67
225	12.09	865.25	476.75
226	5.83	871.08	478.92
227	11.75	882.83	486.67
228	12.75	895.58	495.42
229	14.00	909.58	505.42
230	14.00	923.58	515.42
231	13.75	937.33	525.17
232	14.00	951.33	535.17
233	14.00	965.33	545.17
234	13.67	979.00	554.83
235	14.00	993.00	564.83
236	14.00	1007.00	574.83
237	12.00	1019.00	582.83
238	13.00	1032.00	591.83
239	13.00	1045.00	600.83
240	13.00	1058.00	609.83
241	9.00	1067.00	614.83
242	9.00	1076.00	619.83
243	7.33	1083.33	623.17
TOTAL	DEG. DAYS (C) FOR AUG/83 =	407.25	
244	8.17	1091.50	627.33
245	10.00	1101.50	633.33
246	10.00	1111.50	639.33
247	10.00	1121.50	645.33
248	10.50	1132.00	651.83
249	11.00	1143.00	658.83

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
190	9.0	47.42	53.83	APR 22, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
250	11.42	1154.42	666.25
251	11.50	1165.92	673.75
252	11.50	1177.42	681.25
253	11.50	1188.92	688.75
254	11.50	1200.42	696.25
255	11.50	1211.92	703.75
256	11.50	1223.42	711.25
257	11.50	1234.92	718.75
258	11.50	1246.42	726.25
259	10.83	1257.25	733.08
260	11.00	1268.25	740.08
261	11.00	1279.25	747.08
262	11.00	1290.25	754.08
263	11.08	1301.33	761.17
264	11.50	1312.83	768.67
265	11.50	1324.33	776.17
266	11.50	1335.83	783.67
267	11.50	1347.33	791.17
268	11.92	1359.25	799.08
269	12.00	1371.25	807.08
270	12.00	1383.25	815.08
271	12.00	1395.25	823.08
272	12.00	1407.25	831.08
273	12.00	1419.25	839.08
TOTAL	DEG. DAYS (C) FOR SEPT/83 =	335.92	
274	9.75	1429.00	844.83
275	9.42	1438.42	850.25
276	10.83	1449.25	857.08
277	11.00	1460.25	864.08
278	11.00	1471.25	871.08

SHAG ROCKS NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
19E	9.0	47.42	53.83	APR 22, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
112	0.00	0.00	0.00
113	0.50	0.50	0.00
114	1.00	1.50	0.00
115	0.75	2.25	0.00
116	0.67	2.92	0.00
117	1.08	4.00	0.00
118	1.50	5.50	0.00
119	1.50	7.00	0.00
120	1.50	8.50	0.00
121	1.50	10.00	0.00
122	1.50	11.50	0.00
123	1.58	13.08	0.00
124	2.00	15.08	0.00
125	2.00	17.08	0.00
126	2.00	19.08	0.00
127	2.00	21.08	0.00
128	2.00	23.08	0.00
129	2.00	25.08	0.00
130	1.83	26.92	0.00
131	0.33	27.25	0.00
132	-1.00	27.25	0.00
133	-1.00	27.25	0.00
134	0.00	27.42	0.00
135	0.50	27.92	0.00
136	0.75	28.67	0.00
137	1.08	29.75	0.00
138	2.00	31.75	0.00
139	3.00	34.75	0.00
140	3.00	37.75	0.00
141	3.00	40.75	0.00
142	3.33	44.08	0.00
143	3.50	47.58	0.00
144	3.00	50.58	0.00
145	0.42	51.00	0.00
146	0.00	51.00	0.00
147	0.00	51.00	0.00
148	0.00	51.00	0.00
149	1.00	52.00	0.00
150	2.00	54.00	0.00
151	2.67	56.67	0.00
TOTAL	DEG. DAYS (0) FOR MAY/83 =	48.17	
152	3.00	59.67	0.00
153	3.00	62.67	0.00
154	3.08	65.75	0.00
155	3.67	69.42	0.00
156	4.00	73.42	0.00
157	4.00	77.42	0.00
158	4.00	81.42	0.00

SHAG ROCKS NFLD. ... CONTINUED

STATION 19E | DEPTH 9.0 | LATITUDE 47.42 | LONGITUDE 53.93 | START APR 22, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
159	4.50	85.92	0.50
160	5.00	90.92	1.50
161	5.08	96.00	2.58
162	5.42	101.42	4.00
163	5.17	106.58	5.17
164	5.50	112.08	6.67
165	4.92	117.00	7.58
166	4.25	121.25	7.83
167	5.83	127.08	9.67
168	5.00	132.08	10.67
169	5.25	137.33	12.00
170	6.00	143.33	14.00
171	6.00	149.33	16.00
172	6.00	155.33	18.00
173	5.58	161.92	20.58
174	6.67	168.58	23.25
175	7.00	175.58	26.25
176	8.00	183.58	30.25
177	8.42	192.00	34.67
178	8.25	200.25	38.92
179	7.33	207.58	42.25
180	9.00	216.58	47.25
181	9.00	225.58	52.25

TOTAL DEG. DAYS (0) FOR JUNE/83 = 168.92

182	9.00	234.58	57.25
183	9.00	243.58	62.25
184	9.00	252.58	67.25
185	9.50	262.08	72.75
186	9.50	271.58	78.25
187	9.50	281.08	83.75
188	9.50	290.58	89.25
189	10.00	300.58	95.25
190	10.08	310.67	101.33
191	10.58	321.25	107.92
192	11.00	332.25	114.92
193	11.08	343.33	122.00
194	12.00	355.33	130.00
195	12.00	367.33	138.00
196	12.92	380.25	146.92
197	13.42	393.67	156.33
198	13.00	406.67	165.33
199	13.00	419.67	174.33
200	13.00	432.67	183.33
201	13.00	445.67	192.33
202	13.08	458.75	201.42
203	13.00	471.75	210.42
204	13.00	484.75	219.42
205	13.08	497.83	228.50

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
19E	9.0	47.42	53.83	APR 22, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
206	13.50	511.33	238.00
207	13.50	524.83	247.50
208	13.58	538.42	257.08
209	14.00	552.42	267.08
210	14.00	566.42	277.08
211	14.00	580.42	287.08
212	13.75	594.17	296.83
TOTAL DEG. DAYS (0) FOR JULY/83 = 368.58			
213	14.00	608.17	306.83
214	14.00	622.17	316.83
215	14.00	636.17	326.83
216	14.00	650.17	336.83
217	14.00	664.17	346.83
218	14.00	678.17	356.83
219	14.00	692.17	366.83
220	14.00	706.17	376.83
221	14.00	720.17	386.83
222	14.00	734.17	396.83
223	14.00	748.17	406.83
224	14.00	762.17	416.83
225	11.17	773.33	424.00
226	5.33	778.67	425.83
227	11.00	789.67	432.83
228	11.92	801.58	440.75
229	13.00	814.58	449.75
230	13.00	827.58	458.75
231	12.75	840.33	467.50
232	13.00	853.33	476.50
233	13.00	866.33	485.50
234	13.00	879.33	494.50
235	13.00	892.33	503.50
236	13.00	905.33	512.50
237	11.25	916.58	519.75
238	12.17	928.75	527.92
239	12.50	941.25	536.42
240	12.50	953.75	544.92
241	8.25	962.00	549.17
242	8.50	970.50	553.67
243	6.33	976.83	556.00
TOTAL DEG. DAYS (0) FOR AUG/83 = 382.67			
244	7.67	984.50	559.67
245	9.50	994.00	565.17
246	9.00	1003.00	570.17
247	9.50	1012.50	575.67
248	10.00	1022.50	581.67
249	10.00	1032.50	587.67

SHAG ROCKS NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
19E	9.0	47.42	53.83	APR 22, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
250	10.83	1043.33	594.50
251	11.00	1054.33	601.50
252	11.00	1065.33	608.50
253	11.00	1076.33	615.50
254	11.00	1087.33	622.50
255	11.00	1098.33	629.50
256	11.00	1109.33	636.50
257	11.00	1120.33	643.50
258	11.00	1131.33	650.50
259	10.08	1141.42	656.58
260	10.50	1151.92	663.08
261	10.25	1162.17	669.33
262	10.50	1172.67	675.83
263	11.00	1183.67	682.83
264	11.00	1194.67	689.83
265	11.00	1205.67	696.83
266	11.00	1216.67	703.83
267	11.00	1227.67	710.83
268	11.00	1238.67	717.83
269	11.00	1249.67	724.83
270	11.00	1260.67	731.83
271	11.00	1271.67	738.83
272	11.00	1282.67	745.83
273	11.00	1293.67	752.83
TOTAL DEG. DAYS (0) FOR SEPT/83 =		316.83	
274	8.92	1302.58	757.75
275	8.33	1310.92	762.08
276	9.75	1320.67	767.83
277	10.00	1330.67	773.83
278	10.00	1340.67	779.83
279	10.00	1350.67	785.83

ARNOLDS COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
20A	9.0	47.75	54.00	FEB 1, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
32	-0.50	0.00	0.00
33	-0.50	0.00	0.00
34	-0.50	0.00	0.00
35	-0.50	0.00	0.00
36	-0.50	0.00	0.00
37	-0.50	0.00	0.00
38	-0.50	0.00	0.00
39	-0.50	0.00	0.00
40	-0.50	0.00	0.00
41	-0.50	0.00	0.00
42	-0.50	0.00	0.00
43	-0.50	0.00	0.00
44	-0.92	0.00	0.00
45	-1.00	0.00	0.00
46	-1.00	0.00	0.00
47	-1.00	0.00	0.00
48	-1.33	0.00	0.00
49	-1.50	0.00	0.00
50	-1.50	0.00	0.00
51	-1.50	0.00	0.00
52	-1.50	0.00	0.00
53	-1.83	0.00	0.00
54	-2.00	0.00	0.00
55	-2.00	0.00	0.00
56	-2.00	0.00	0.00
57	-2.00	0.00	0.00
58	-2.00	0.00	0.00
59	-2.00	0.00	0.00

TOTAL DEG. DAYS (0) FOR FEB/83 = 0.00

60	-2.00	0.00	0.00
61	-2.00	0.00	0.00
62	-1.92	0.00	0.00
63	-1.50	0.00	0.00
64	-1.50	0.00	0.00
65	-1.50	0.00	0.00
66	-1.83	0.00	0.00
67	-2.00	0.00	0.00
68	-1.75	0.00	0.00
69	-1.50	0.00	0.00
70	-1.50	0.00	0.00
71	-1.50	0.00	0.00
72	-1.50	0.00	0.00
73	-1.50	0.00	0.00
74	-1.50	0.00	0.00
75	-1.50	0.00	0.00
76	-1.50	0.00	0.00
77	-1.50	0.00	0.00
78	-1.33	0.00	0.00

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
20A	9.0	47.75	54.00	FEB 1, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
79	-1.00	0.00	0.00
80	-1.00	0.00	0.00
81	-1.00	0.00	0.00
82	-1.00	0.00	0.00
83	-0.92	0.00	0.00
84	-0.50	0.00	0.00
85	-1.00	0.00	0.00
86	-1.50	0.00	0.00
87	-1.50	0.00	0.00
88	-1.50	0.00	0.00
89	-1.50	0.00	0.00
90	-1.50	0.00	0.00
TOTAL	DEG. DAYS (C) FOR MAR/83 =	0.00	
91	-1.50	0.00	0.00
92	-1.50	0.00	0.00
93	-1.50	0.00	0.00
94	-1.50	0.00	0.00
95	-1.50	0.00	0.00
96	-1.50	0.00	0.00
97	-1.33	0.00	0.00
98	-1.00	0.00	0.00
99	-0.67	0.00	0.00
100	-1.17	0.00	0.00
101	-1.33	0.00	0.00
102	-1.00	0.00	0.00
103	-1.00	0.00	0.00
104	-1.08	0.00	0.00
105	-1.50	0.00	0.00
106	-1.50	0.00	0.00
107	-1.33	0.00	0.00
108	-0.50	0.00	0.00
109	-0.50	0.00	0.00
110	-0.08	0.00	0.00
111	0.00	0.00	0.00
112	0.00	0.00	0.00
113	0.33	0.33	0.00
114	1.00	1.33	0.00
115	1.00	2.33	0.00
116	1.00	3.33	0.00
117	1.08	4.42	0.00
118	2.33	6.75	0.00
119	3.00	9.75	0.00
120	3.50	13.25	0.00
TOTAL	DEG. DAYS (C) FOR APR/83 =	13.25	
121	3.00	16.25	0.00
122	3.00	19.25	0.00

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
20A	9.0	47.75	54.00	FEB 1, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
123	2.42	21.67	0.00
124	2.00	23.67	0.00
125	2.42	26.08	0.00
126	2.50	28.58	0.00
127	2.50	31.08	0.00
128	2.33	33.42	0.00
129	2.00	35.42	0.00
130	1.08	36.50	0.00
131	0.50	37.00	0.00
132	0.00	37.00	0.00
133	0.33	37.33	0.00
134	0.25	37.58	0.00
135	0.67	38.25	0.00
136	2.00	40.25	0.00
137	3.00	43.25	0.00
138	3.42	46.67	0.00
139	4.17	50.83	0.17
140	4.25	55.08	0.42
141	5.00	60.08	1.42
142	5.00	65.08	2.42
143	3.00	68.08	2.42
144	-0.25	68.25	2.42
145	-0.42	68.25	2.42
146	-0.75	68.25	2.42
147	-1.00	68.25	2.42
148	-1.00	69.25	2.42
149	-0.33	68.25	2.42
150	1.00	69.25	2.42
151	1.75	71.00	2.42
TOTAL	DEG. DAYS (0) FOR MAY/83 =	57.75	
152	1.00	72.00	2.42

ARNOLDS COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
208	9.0	47.75	54.00	FEB 1, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
32	1.00	1.00	0.00
33	1.00	2.00	0.00
34	1.00	3.00	0.00
35	1.00	4.00	0.00
36	1.00	5.00	0.00
37	1.00	6.00	0.00
38	1.00	7.00	0.00
39	1.00	8.00	0.00
40	1.00	9.00	0.00
41	1.00	10.00	0.00
42	1.00	11.00	0.00
43	1.00	12.00	0.00
44	0.67	12.67	0.00
45	0.50	13.17	0.00
46	0.50	13.67	0.00
47	0.00	13.67	0.00
48	0.00	13.67	0.00
49	0.00	13.67	0.00
50	0.00	13.67	0.00
51	0.00	13.67	0.00
52	0.00	13.67	0.00
53	-0.33	13.67	0.00
54	-0.50	13.67	0.00
55	-0.67	13.67	0.00
56	-0.50	13.67	0.00
57	-0.50	13.67	0.00
58	-0.50	13.67	0.00
59	-0.50	13.67	0.00

TOTAL DEG. DAYS (0) FOR FEB/83 = 13.67

60	-0.50	13.67	0.00
61	-0.50	13.67	0.00
62	-0.25	13.67	0.00
63	0.00	13.67	0.00
64	0.00	13.67	0.00
65	0.00	13.67	0.00
66	-0.42	13.67	0.00
67	-0.50	13.67	0.00
68	-0.50	13.67	0.00
69	-0.25	13.67	0.00
70	0.00	13.67	0.00
71	0.00	13.67	0.00
72	0.00	13.67	0.00
73	0.00	13.67	0.00
74	0.00	13.67	0.00
75	0.00	13.67	0.00
76	0.00	13.67	0.00
77	0.00	13.67	0.00
78	0.00	13.67	0.00

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
209	9.0	47.75	54.00	FEB 1, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
79	0.00	13.67	0.00
80	0.42	14.08	0.00
81	0.50	14.58	0.00
82	0.50	15.08	0.00
83	0.58	15.67	0.00
84	1.00	16.67	0.00
85	0.17	16.83	0.00
86	0.00	16.83	0.00
87	0.00	16.83	0.00
88	0.00	16.83	0.00
89	0.00	16.83	0.00
90	0.00	16.83	0.00
TOTAL DEG. DAYS (C) FOR MAR/83 =		3.17	
91	0.00	16.83	0.00
92	0.00	16.83	0.00
93	0.00	16.83	0.00
94	0.00	16.83	0.00
95	0.00	16.83	0.00
96	0.00	16.83	0.00
97	0.00	16.83	0.00
98	0.17	17.00	0.00
99	0.75	17.75	0.00
100	0.25	18.00	0.00
101	0.17	18.17	0.00
102	0.50	18.67	0.00
103	0.50	19.17	0.00
104	0.08	19.25	0.00
105	0.00	19.25	0.00
106	0.00	19.25	0.00
107	0.08	19.33	0.00
108	0.83	20.17	0.00
109	1.00	21.17	0.00
110	1.00	22.17	0.00
111	1.00	23.17	0.00
112	1.00	24.17	0.00
113	1.42	25.58	0.00
114	2.00	27.58	0.00
115	2.00	29.58	0.00
116	2.00	31.58	0.00
117	2.50	34.08	0.00
118	3.67	37.75	0.00
119	4.42	42.17	0.42
120	4.92	47.08	1.33
TOTAL DEG. DAYS (C) FOR APR/83 =		30.25	
121	4.08	51.17	1.42
122	4.50	55.67	1.92

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
208	9.0	47.75	54.00	FEB 1, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
123	3.50	59.17	1.92
124	3.17	62.33	1.92
125	3.58	65.92	1.92
126	4.00	69.92	1.92
127	4.00	73.92	1.92
128	3.83	77.75	1.92
129	3.42	81.17	1.92
130	2.42	83.58	1.92
131	1.92	85.50	1.92
132	1.50	87.00	1.92
133	1.92	88.92	1.92
134	2.00	90.92	1.92
135	2.25	93.17	1.92
136	3.42	96.58	1.92
137	4.00	100.58	1.92
138	4.50	105.08	2.42
139	5.50	110.58	3.92
140	5.50	116.08	5.42
141	6.33	122.42	7.75
142	6.00	128.42	9.75
143	4.42	132.83	10.58
144	1.33	134.17	10.58
145	1.00	135.17	10.58
146	1.00	136.17	10.58
147	1.00	137.17	10.58
148	1.00	138.17	10.58
149	1.67	139.83	10.58
150	2.67	142.50	10.58
151	3.00	145.50	10.58

TOTAL DEG. DAYS (0) FOR MAY/83 = 98.42

152	10.00	155.50	17.08
153	16.58	172.08	29.67
154	17.42	189.50	43.08
155	17.50	207.00	56.58
156	17.33	224.33	69.92
157	19.00	243.33	84.92
158	18.75	262.08	99.67
159	19.58	281.67	115.25
160	20.08	301.75	131.33
161	18.17	319.92	145.50
162	17.58	337.50	159.08
163	18.00	355.50	173.08
164	18.83	374.33	187.92
165	18.09	392.42	202.00
166	18.08	410.50	216.08
167	18.33	428.83	230.42
168	18.17	447.00	244.58
169	18.75	465.75	259.33

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
208	9.0	47.75	54.00	FEB 1, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
170	18.00	483.75	273.33
171	17.67	501.42	287.00
172	18.00	519.42	301.00
173	18.58	538.00	315.58
174	19.25	557.25	330.83
175	19.00	576.25	345.83
176	18.75	595.00	360.58
177	17.42	612.42	374.00
178	16.75	629.17	386.75
179	15.83	645.00	398.58
180	16.92	661.92	411.50
181	18.17	680.08	425.67
TOTAL	DEG. DAYS (0) FOR JUNE/83 =	534.58	
182	19.33	699.42	441.00
183	20.00	719.42	457.00
184	17.67	737.08	470.67
185	16.67	753.75	483.33
186	17.08	770.83	496.42
187	16.33	787.17	508.75
188	15.50	802.67	520.25
189	15.00	817.67	531.25
190	14.67	832.33	541.92
191	15.25	847.58	553.17
192	16.00	863.58	565.17
193	14.67	878.25	575.83
194	13.17	891.42	585.00
195	13.75	905.17	594.75
196	13.67	918.83	604.42
197	14.00	932.83	614.42
198	13.08	945.92	623.50
199	13.00	958.92	632.50
200	13.00	971.92	641.50
201	14.08	986.00	651.58
202	15.33	1001.33	662.92
203	16.50	1017.83	675.42
204	16.83	1034.67	688.25
205	17.17	1051.83	701.42
206	15.33	1067.17	712.75
207	13.67	1080.83	722.42
208	13.50	1094.33	731.92
209	14.42	1108.75	742.33
210	15.00	1123.75	753.33
211	14.67	1138.42	764.00
212	12.92	1151.33	772.92
TOTAL	DEG. DAYS (0) FOR JULY/83 =	471.25	
213	12.42	1163.75	781.33

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
209	9.0	47.75	54.00	FEB 1, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (4)
214	12.25	1176.00	789.58
215	12.00	1188.00	797.58
216	12.42	1200.42	806.00
217	13.08	1213.50	815.08
218	13.50	1227.00	824.58
219	15.67	1242.67	836.25
220	16.00	1258.67	848.25
221	15.17	1273.83	859.42
222	14.08	1287.92	869.50
223	14.00	1301.92	879.50
224	13.33	1315.25	888.83
225	12.17	1327.42	897.00
226	11.42	1338.83	904.42
227	10.17	1349.00	910.58
228	10.08	1359.08	916.67
229	11.00	1370.08	923.67
230	12.00	1382.08	931.67

ESTIMATED DEG. DAYS (C) FOR AUG/83 = 397.40

ARNOLDS COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
200	6.0	47.75	54.00	JUNE 1, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
152	2.75	2.75	0.00
153	3.75	6.50	0.25
154	4.75	11.25	1.00
155	4.50	15.75	1.50
156	4.50	20.25	2.00
157	4.50	24.75	2.50
158	4.50	29.25	3.00
159	4.75	34.00	3.75
160	6.00	40.00	5.75
161	6.08	46.08	7.83
162	6.83	52.92	10.67
163	6.50	59.42	13.17
164	7.00	66.42	16.17
165	6.92	73.33	19.08
166	6.75	80.08	22.00
167	6.25	86.33	23.08
168	5.33	91.67	24.42
169	6.58	98.25	27.00
170	8.00	106.25	31.00
171	8.00	114.25	35.00
172	7.67	121.92	38.67
173	7.00	128.92	41.67
174	7.25	136.17	44.92
175	8.00	144.17	49.92
176	9.50	153.67	55.42
177	10.00	163.67	61.42
178	10.00	173.67	67.42
179	10.00	183.67	73.42
180	10.92	194.58	80.33
181	12.00	206.58	88.33

TOTAL DEG. DAYS (C) FOR JUNE/83 = 206.58

182	11.08	217.67	95.42
183	11.17	228.83	102.58
184	11.33	240.17	109.92
185	10.08	250.25	116.00
186	11.00	261.25	123.00
187	11.00	272.25	130.00
188	11.08	283.33	137.08
189	11.50	294.83	144.58
190	11.33	306.17	151.92
191	11.67	317.83	159.42
192	11.17	329.00	166.75
193	11.00	340.00	173.75
194	11.17	351.17	180.92
195	12.67	363.83	189.58
196	11.42	375.25	197.00
197	12.58	387.83	205.58
198	14.67	402.50	216.25

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
200	9.0	47.75	54.00	JUNE 1, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
199	15.42	417.92	227.67
200	14.25	432.17	237.92
201	14.00	446.17	247.92
202	14.00	460.17	257.92
203	15.00	475.17	268.92
204	15.00	490.17	279.92
205	15.83	506.00	291.75
206	14.92	520.92	302.67
207	13.50	534.42	312.17
208	13.92	548.33	322.08
209	14.17	562.50	332.25
210	15.00	577.50	343.25
211	15.00	592.50	354.25
212	15.00	607.50	365.25

TOTAL DEG. DAYS (0) FOR JULY/83 = 400.92

213	15.00	622.50	376.25
214	15.00	637.50	387.25
215	15.00	652.50	398.25
216	15.00	667.50	409.25
217	15.00	682.50	420.25
218	15.00	697.50	431.25
219	15.00	712.50	442.25
220	15.00	727.50	453.25
221	15.00	742.50	464.25
222	15.00	757.50	475.25
223	15.00	772.50	486.25
224	15.00	787.50	497.25
225	14.83	802.33	508.08
226	3.83	806.17	509.42
227	13.75	819.92	519.17
228	14.00	833.92	529.17
229	14.08	848.00	539.25
230	14.75	862.75	550.00
231	14.08	876.83	560.08
232	14.00	890.83	570.08
233	14.00	904.83	580.08
234	14.00	918.83	590.08
235	14.00	932.83	600.08
236	14.00	946.83	610.08
237	14.00	960.83	620.08
238	14.00	974.83	630.08
239	14.00	988.83	640.08
240	13.92	1002.75	650.00
241	11.67	1014.42	657.67
242	7.17	1021.58	660.83
243	11.67	1033.25	668.50

TOTAL DEG. DAYS (0) FOR AUG/83 = 425.75

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
200	9.0	47.75	54.00	JUNE 1, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
244	10.25	1043.50	674.75
245	11.42	1054.92	682.17
246	8.33	1063.25	686.50
247	10.67	1073.92	693.17
248	12.00	1085.92	701.17
249	12.00	1097.92	709.17
250	12.00	1109.92	717.17
251	12.00	1121.92	725.17
252	12.00	1133.92	733.17
253	12.00	1145.92	741.17
254	11.67	1157.58	748.93
255	11.92	1169.50	756.75
256	11.75	1181.25	764.50
257	11.50	1192.75	772.00
258	11.25	1204.00	779.25
259	10.83	1214.83	786.08
260	11.00	1225.83	793.08
261	11.00	1236.83	800.08
262	11.17	1248.00	807.25
263	11.50	1259.50	814.75
264	11.50	1271.00	822.25
265	11.58	1282.58	829.83
266	12.00	1294.58	837.83
267	12.00	1306.58	845.83
268	11.58	1318.17	853.42
269	11.50	1329.67	860.92
270	12.00	1341.67	868.92
271	12.00	1353.67	876.92
272	11.42	1365.08	884.33
273	10.92	1376.00	891.25
TOTAL	DEG. DAYS (0) FOR SEPT/83 =	342.75	
274	9.42	1385.42	896.67
275	9.00	1394.42	901.67
276	10.00	1404.42	907.67

ARNOLDS COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
200	9.0	47.75	54.00	JUNE 1, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
152	3.75	3.75	0.00
153	4.33	8.08	0.50
154	5.25	13.33	1.75
155	5.00	18.33	2.75
156	5.00	23.33	3.75
157	5.00	28.33	4.75
158	5.00	33.33	5.75
159	5.33	38.67	7.08
160	7.00	45.67	10.08
161	7.00	52.67	13.08
162	7.33	60.00	16.42
163	7.25	67.25	19.67
164	8.00	75.25	23.67
165	7.75	83.00	27.42
166	6.50	89.50	29.92
167	7.17	96.67	33.08
168	6.17	102.83	35.25
169	7.58	110.42	38.83
170	9.00	119.42	43.83
171	9.00	128.42	48.83
172	8.58	137.00	53.42
173	8.00	145.00	57.42
174	8.33	153.33	61.75
175	10.00	163.33	67.75
176	10.00	173.33	73.75
177	11.00	184.33	80.75
178	11.00	195.33	87.75
179	10.75	206.08	94.50
180	12.00	218.08	102.50
181	13.00	231.08	111.50

TOTAL DEG. DAYS (0) FOR JUNE/83 = 231.08

182	12.25	243.33	119.75
183	12.42	255.75	128.17
184	12.17	267.92	136.33
185	11.08	279.00	143.42
186	12.00	291.00	151.42
187	12.00	303.00	159.42
188	12.08	315.08	167.50
189	12.50	327.58	175.00
190	11.75	339.33	183.75
191	12.50	351.83	192.25
192	12.17	364.00	200.42
193	12.00	376.00	208.42
194	12.17	388.17	216.59
195	13.67	401.83	226.25
196	12.33	414.17	234.58
197	13.75	427.92	244.33
198	15.50	443.42	255.83

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
200	9.0	47.75	54.00	JUNE 1, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
199	15.50	459.92	268.33
200	15.67	475.58	280.00
201	15.50	491.08	291.50
202	15.50	506.58	303.00
203	16.50	523.08	315.50
204	16.50	539.58	328.00
205	16.75	556.33	340.75
206	16.00	572.33	352.75
207	14.58	586.92	363.33
208	14.92	601.83	374.25
209	15.17	617.00	385.42
210	16.00	633.00	397.42
211	16.00	649.00	409.42
212	16.00	665.00	421.42
TOTAL	DEG. DAYS (0) FOR JULY/83 =	433.92	
213	16.00	681.00	433.42
214	16.00	697.00	445.42
215	16.00	713.00	457.42
216	16.00	729.00	469.42
217	16.00	745.00	481.42
218	16.00	761.00	493.42
219	16.00	777.00	505.42
220	16.00	793.00	517.42
221	16.00	809.00	529.42
222	16.00	825.00	541.42
223	16.00	841.00	553.42
224	16.00	857.00	565.42
225	15.83	872.83	577.25
226	4.17	877.00	578.75
227	14.83	891.83	589.58
228	15.00	906.83	600.58
229	15.08	921.92	611.67
230	15.58	937.50	623.25
231	15.00	952.50	634.25
232	15.00	967.50	645.25
233	15.00	982.50	656.25
234	15.00	997.50	667.25
235	15.00	1012.50	678.25
236	15.00	1027.50	689.25
237	15.00	1042.50	700.25
238	15.00	1057.50	711.25
239	15.00	1072.50	722.25
240	14.92	1087.42	733.17
241	12.42	1099.83	741.58
242	7.92	1107.75	745.50
243	12.50	1120.25	754.00
TOTAL	DEG. DAYS (0) FOR AUG/83 =	455.25	

ARNOLDS COVE NFLD. ... CONTINUED

GMT STATION DEPTH LATITUDE LONGITUDE STAT 20[illegible]

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
244	11.08	1131.33	761.08
245	12.42	1143.75	769.50
246	9.50	1153.25	775.00
247	12.42	1165.67	783.42
248	13.00	1178.67	792.42
249	13.00	1191.67	801.42
250	13.00	1204.67	810.42
251	13.00	1217.67	819.42
252	13.00	1230.67	828.42
253	13.00	1243.67	837.42
254	12.67	1256.33	846.08
255	12.92	1269.25	855.00
256	13.00	1282.25	864.00
257	13.00	1295.25	873.00
258	12.42	1307.67	881.42
259	11.92	1319.58	889.33
260	12.00	1331.58	897.33
261	12.00	1343.58	905.33
262	12.00	1355.58	913.33
263	12.33	1367.92	921.67
264	12.50	1380.42	930.17
265	12.50	1392.92	938.67
266	12.92	1405.83	947.58
267	13.00	1418.83	956.58
268	12.58	1431.42	965.17
269	12.50	1443.92	973.67
270	13.00	1456.92	982.67
271	13.00	1469.92	991.67
272	12.42	1482.33	1000.08
273	11.83	1494.17	1007.92
TOTAL DEG. DAYS (O) FOR SEPT/83 = 373.92			
274	10.25	1504.42	1014.17
275	10.00	1514.42	1020.17
276	10.63	1525.04	1026.79

ARNOLDS COVE NFLD

STATION	DEPTH	LATITUDE	LONGITUDE	START
20E	9.0	47.75	54.00	SEPT 29, 1982 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
272	12.50	12.50	8.50
273	12.50	25.00	17.00
274	12.50	37.50	25.50
275	12.42	49.92	33.92
276	7.17	57.08	37.08
277	2.58	59.67	37.08
278	2.00	61.67	37.08
279	3.25	64.92	37.67
280	8.75	73.67	42.42
281	9.00	82.67	47.42
282	9.00	91.67	52.42
283	8.75	100.42	57.17
284	8.50	108.92	61.67
285	8.17	117.08	65.93
286	8.00	125.08	69.93
287	8.00	133.08	73.93
288	8.00	141.08	77.93
289	8.00	149.08	81.93
290	8.25	157.33	86.08
291	8.92	166.25	91.00
292	9.00	175.25	96.00
293	9.00	184.25	101.00
294	8.75	193.00	105.75
295	8.50	201.50	110.25
296	8.50	210.00	114.75
297	8.50	218.50	119.25
298	8.50	227.00	123.75
299	8.17	235.17	127.92
300	8.33	243.50	132.25
301	8.50	252.00	136.75
302	8.50	260.50	141.25
303	8.08	268.58	145.33
304	8.00	276.58	149.33

TOTAL DEG. DAYS (0) FOR OCT/82 = 251.58

305	8.00	284.58	153.33
306	8.00	292.58	157.33
307	8.00	300.58	161.33
308	8.00	308.58	165.33
309	8.00	316.58	169.33
310	8.00	324.58	173.33
311	8.00	332.58	177.33
312	8.00	340.58	181.33
313	8.00	348.58	185.33
314	7.75	356.33	189.08
315	7.50	363.83	192.58
316	7.50	371.33	196.08
317	7.50	378.83	199.58
318	7.83	386.67	203.42

ARNOLDS COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
20E	9.0	47.75	54.00	SEPT 29, 1982 0J:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
319	8.00	394.67	207.42
320	7.92	402.58	211.33
321	7.50	410.08	214.83
322	7.00	417.08	217.83
323	7.00	424.08	220.83
324	7.00	431.08	223.83
325	7.00	438.08	226.83
326	7.00	445.08	229.83
327	7.00	452.08	232.83
328	7.00	459.08	235.83
329	7.00	466.08	238.83
330	7.00	473.08	241.83
331	7.00	480.08	244.83
332	6.83	486.92	247.67
333	6.17	493.08	249.83
334	6.00	499.08	251.83

TOTAL DEG. DAYS (0) FOR NOV/82 = 222.50

335	6.00	505.08	253.83
336	6.00	511.08	255.83
337	5.50	516.58	257.33
338	5.50	522.08	258.83
339	5.50	527.58	260.33
340	5.08	532.67	261.42
341	5.00	537.67	262.42
342	5.00	542.67	263.42
343	4.92	547.59	264.33
344	4.33	551.92	264.67
345	4.00	555.92	264.67
346	4.00	559.92	264.67
347	4.33	564.25	265.00
348	4.50	568.75	265.50
349	4.42	573.17	265.92
350	3.67	576.83	265.92
351	3.50	580.33	265.92
352	3.58	583.92	265.92
353	4.00	587.92	265.92
354	3.75	591.67	265.92
355	3.50	595.17	265.92
356	3.67	598.83	265.92
357	4.00	602.83	265.92
358	3.50	606.33	265.92
359	3.25	609.58	265.92
360	3.00	612.58	265.92
361	3.00	615.58	265.92
362	3.00	618.58	265.92
363	3.00	621.58	265.92
364	3.00	624.58	265.92
365	3.00	627.58	265.92

TOTAL DEG. DAYS (0) FOR DEC/82 = 128.50

ARNOLDS COVE NFLD ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
20E	9.0	47.75	54.00	SEPT 29, 1982 00:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
1	3.00	630.58	265.92
2	2.75	633.33	265.92
3	2.50	635.83	265.92
4	2.67	638.50	265.92
5	2.67	641.17	265.92
6	2.17	643.33	265.92
7	2.00	645.33	265.92
8	2.00	647.33	265.92
9	2.00	649.33	265.92
10	2.00	651.33	265.92
11	2.00	653.33	265.92
12	2.00	655.33	265.92
13	2.08	657.42	265.92
14	2.50	659.92	265.92
15	2.42	662.33	265.92
16	2.00	664.33	265.92
17	2.00	666.33	265.92
18	2.00	668.33	265.92
19	2.00	670.33	265.92
20	2.00	672.33	265.92
21	2.00	674.33	265.92
22	1.75	676.08	265.92
23	1.17	677.25	265.92
24	1.00	678.25	265.92
25	1.00	679.25	265.92
26	1.00	680.25	265.92
27	1.00	681.25	265.92
28	1.00	682.25	265.92
29	1.00	683.25	265.92
30	1.00	684.25	265.92
31	1.00	685.25	265.92

TOTAL DEG. DAYS (C) FOR JAN/83 = 57.67

ARNOLDS COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
20E	9.0	47.75	54.00	SEPT 14, 1982 1500 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
257	14.75	14.75	10.75
258	14.50	29.25	21.25
259	14.00	43.25	31.25
260	14.00	57.25	41.25
261	13.83	71.08	51.08
262	11.08	82.17	58.17
263	12.50	94.67	66.67
264	12.50	107.17	75.17
265	12.25	119.42	83.42
266	12.50	131.92	91.92
267	12.83	144.75	100.75
268	13.00	157.75	109.75
269	12.17	169.92	117.92
270	12.50	182.42	126.42
271	12.33	194.75	134.75
272	12.00	206.75	142.75
273	12.00	218.75	150.75

ESTIMATED DEG. DAYS (C) FOR SEPT/82 = 386.03

274	11.58	230.33	158.33
275	11.50	241.83	165.33
276	6.50	248.33	168.50
277	1.33	249.67	168.50
278	1.00	250.67	168.50
279	2.08	252.75	168.67
280	7.00	259.75	171.67
281	8.00	267.75	175.67
282	7.50	275.25	179.17
283	7.50	282.75	182.67
284	7.17	289.92	185.83
285	7.00	296.92	188.83
286	7.00	303.92	191.83
287	7.00	310.92	194.83
288	7.00	317.92	197.83
289	7.00	324.92	200.83
290	7.25	332.17	204.08
291	7.50	339.67	207.58
292	7.50	347.17	211.08
293	7.50	354.67	214.58
294	7.50	362.17	218.08
295	7.50	369.67	221.58
296	7.50	377.17	225.08
297	7.42	384.58	228.50
298	7.00	391.58	231.50
299	7.00	398.58	234.50
300	7.00	405.58	237.50
301	7.00	412.58	240.50
302	7.00	419.58	243.50
303	7.00	426.58	246.50

ARNOLDS COVE NFLD. ... CONTINUED

STATION 20E DEPTH 9.0 LATITUDE 47.75 LONGITUDE 54.00 START SEPT 14, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
304	7.00	433.58	249.50
TOTAL DEG. DAYS (0) FOR OCT/82 = 214.83			
305	7.00	440.58	252.50
306	7.00	447.58	255.50
307	7.00	454.58	258.50
308	7.00	461.58	261.50
309	7.00	468.58	264.50
310	7.00	475.58	267.50
311	7.00	482.58	270.50
312	7.00	489.58	273.50
313	6.75	496.33	276.25
314	6.50	502.83	278.75
315	6.50	509.33	281.25
316	6.00	515.33	283.25
317	6.08	521.42	285.33
318	6.50	527.92	287.83
319	6.50	534.42	290.33
320	6.50	540.92	292.83
321	6.17	547.08	295.00
322	6.00	553.08	297.00
323	6.00	559.08	299.00
324	6.00	565.08	301.00
325	5.75	570.83	302.75
326	5.50	576.33	304.25
327	6.00	582.33	306.25
328	6.00	588.33	308.25
329	6.00	594.33	310.25
330	5.92	600.25	312.17
331	5.50	605.75	313.67
332	5.42	611.17	315.08
333	5.00	616.17	316.08
334	5.00	621.17	317.08
TOTAL DEG. DAYS (0) FOR NOV/82 = 137.59			
335	4.92	626.08	318.00
336	4.50	630.58	318.50
337	4.08	634.67	318.58
338	4.00	638.67	318.58
339	4.00	642.67	318.58
340	4.00	646.67	318.58
341	4.00	650.67	318.58
342	4.00	654.67	318.58
343	3.92	658.58	318.58
344	3.33	661.92	318.58
345	3.00	664.92	318.58
346	3.00	667.92	318.58
347	3.33	671.25	318.58

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
20E	9.0	47.75	54.00	SEPT 14, 1982 13:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
348	3.42	674.67	318.58
349	3.00	677.67	318.58
350	2.67	680.33	318.58
351	2.50	682.83	318.58
352	3.00	685.83	318.58
353	3.00	688.83	318.58
354	2.67	691.50	318.58
355	2.50	694.00	318.58
356	2.50	696.50	318.58
357	2.50	699.00	318.58
358	2.50	701.50	318.58
359	2.00	703.50	318.58
360	2.00	705.50	318.58
361	2.00	707.58	318.58
362	2.00	709.58	318.58
363	2.00	711.58	318.58
364	2.00	713.58	318.58
365	2.00	715.58	318.58

TOTAL DEG. DAYS (0) FOR DEC/82 = 94.42

1	2.00	717.58	318.58
2	1.67	719.25	318.58
3	1.50	720.75	318.58
4	1.75	722.50	318.58
5	1.50	724.00	318.58
6	1.00	725.00	318.58
7	1.00	726.00	318.58
8	1.00	727.00	318.58
9	1.00	728.00	318.58
10	1.00	729.00	318.58
11	1.00	730.00	318.58
12	1.00	731.00	318.58
13	1.33	732.42	318.58
14	1.50	733.92	318.58
15	1.25	735.17	318.58
16	1.00	736.17	318.58
17	1.00	737.17	318.58
18	1.00	738.17	318.58
19	1.00	739.17	318.58
20	1.00	740.17	318.58
21	1.00	741.17	318.58
22	0.75	741.92	318.58
23	0.50	742.42	318.58
24	0.00	742.42	318.58
25	0.00	742.42	318.58
26	0.00	742.42	318.58
27	0.00	742.42	318.58
28	0.00	742.42	318.58
29	0.00	742.42	318.58

ARNOLDS COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
20E	9.0	47.75	54.00	SEPT 14, 1982 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
30	0.00	742.42	318.58
31	0.00	742.42	318.58

TOTAL DEG. DAYS (C) FOR JAN/83 = 26.83

32	0.00	742.42	318.58

GARDEN COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
214	10.0	47.84	54.15	DEC 16, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
350	2.00	2.00	0.00
351	2.00	4.00	0.00
352	2.00	6.00	0.00
353	2.42	8.42	0.00
354	2.08	10.50	0.00
355	2.00	12.50	0.00
356	2.00	14.50	0.00
357	2.00	16.50	0.00
358	2.00	18.50	0.00
359	2.00	20.50	0.00
360	1.83	22.33	0.00
361	1.50	23.83	0.00
362	1.50	25.33	0.00
363	1.42	26.75	0.00
364	1.50	28.25	0.00
365	1.50	29.75	0.00

ESTIMATED DEG. DAYS (C) FOR DEC/82 = 57.64

1	1.50	31.25	0.00
2	1.50	32.75	0.00
3	1.50	34.25	0.00
4	1.00	35.25	0.00
5	1.00	36.25	0.00
6	0.83	37.08	0.00
7	0.67	37.75	0.00
8	0.50	38.25	0.00
9	0.50	38.75	0.00
10	0.25	39.00	0.00
11	0.00	39.00	0.00
12	0.00	39.00	0.00
13	0.17	39.17	0.00
14	0.50	39.67	0.00
15	0.50	40.17	0.00
16	0.50	40.67	0.00
17	0.17	40.83	0.00
18	0.00	40.83	0.00
19	0.00	40.83	0.00
20	0.00	40.83	0.00
21	0.00	40.83	0.00
22	0.00	40.83	0.00
23	0.00	40.83	0.00
24	0.00	40.83	0.00
25	0.00	40.83	0.00
26	0.00	40.83	0.00
27	0.00	40.83	0.00
28	0.00	40.83	0.00
29	0.00	40.83	0.00
30	-0.08	40.83	0.00
31	-0.50	40.83	0.00

TOTAL DEG. DAYS (C) FOR JAN/83 = 11.08

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
218	10.0	47.84	54.16	DEC 16, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
32	-0.50	40.83	0.00
33	-0.50	40.83	0.00
34	-0.50	40.83	0.00
35	-0.50	40.83	0.00
36	-0.50	40.83	0.00
37	-0.50	40.83	0.00
38	-0.50	40.83	0.00
39	-0.50	40.83	0.00
40	-0.50	40.83	0.00
41	-0.50	40.83	0.00
42	-0.50	40.83	0.00
43	-0.50	40.83	0.00
44	-0.83	40.83	0.00
45	-1.17	40.83	0.00
46	-1.08	40.83	0.00
47	-1.00	40.83	0.00
48	-1.00	40.83	0.00
49	-1.17	40.83	0.00
50	-1.17	40.83	0.00
51	-1.00	40.83	0.00
52	-1.33	40.83	0.00
53	-1.50	40.83	0.00
54	-1.42	40.83	0.00
55	-1.42	40.83	0.00
56	-1.83	40.83	0.00
57	-1.75	40.83	0.00
58	-1.50	40.83	0.00
59	-1.50	40.83	0.00

TOTAL DEG. DAYS (0) FOR FEB/83 = 0.00

60	-1.92	40.83	0.00
61	-1.50	40.83	0.00
62	-1.50	40.83	0.00
63	-1.50	40.83	0.00
64	-1.50	40.83	0.00
65	-1.50	40.83	0.00
66	-1.50	40.83	0.00
67	-1.75	40.83	0.00
68	-1.92	40.83	0.00
69	-1.50	40.83	0.00
70	-1.50	40.83	0.00
71	-1.50	40.83	0.00
72	-1.50	40.83	0.00
73	-1.50	40.83	0.00
74	-1.50	40.83	0.00
75	-1.50	40.83	0.00
76	-1.50	40.83	0.00
77	-1.50	40.83	0.00
78	-1.50	40.83	0.00

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
214	10.0	47.84	54.14	DEC 14, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
79	-1.50	40.83	0.00
80	-1.42	40.83	0.00
81	-1.00	40.83	0.00
82	-1.00	40.83	0.00
83	-1.00	40.83	0.00
84	-1.00	40.83	0.00
85	-1.00	40.83	0.00
86	-1.00	40.83	0.00
87	-1.00	40.83	0.00
88	-1.00	40.83	0.00
89	-1.00	40.83	0.00
90	-1.00	40.83	0.00
TOTAL DEG. DAYS (C) FOR MAR/83 =		0.00	
91	-1.00	40.83	0.00
92	-1.00	40.83	0.00
93	-1.00	40.83	0.00
94	-1.00	40.83	0.00
95	-1.17	40.83	0.00
96	-1.50	40.83	0.00
97	-1.50	40.83	0.00
98	-1.50	40.83	0.00
99	-1.08	40.83	0.00
100	-1.00	40.83	0.00
101	-1.00	40.83	0.00
102	-1.00	40.83	0.00
103	-1.00	40.83	0.00
104	-1.00	40.83	0.00
105	-1.00	40.83	0.00
106	-1.00	40.83	0.00
107	-1.00	40.83	0.00
108	-1.00	40.83	0.00
109	-0.92	40.83	0.00
110	-0.50	40.83	0.00
111	-0.33	40.83	0.00
112	-0.33	40.83	0.00
113	-0.50	40.83	0.00
114	-0.50	40.83	0.00
115	-0.50	40.83	0.00
116	-0.42	40.83	0.00
117	-0.50	40.83	0.00
118	-0.50	40.83	0.00
119	0.75	41.58	0.00
120	2.67	44.25	0.00
TOTAL DEG. DAYS (C) FOR APR/83 =		3.42	
121	3.00	47.25	0.00
122	3.00	50.25	0.00

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
21A	10.0	47.84	54.16	DEC 16, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
123	2.17	52.42	0.00
124	2.00	54.42	0.00
125	2.17	56.58	0.00
126	2.17	58.75	0.00
127	1.92	60.67	0.00
128	1.92	62.58	0.00
129	2.00	64.58	0.00
130	1.50	66.08	0.00

ESTIMATED DEG. DAYS (C) FOR MAY/83 = 67.68

GARDEN COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
218	10.0	47.84	54.15	DEC 15, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
350	3.00	3.00	0.00
351	3.00	6.00	0.00
352	3.00	9.00	0.00
353	3.42	12.42	0.00
354	3.17	15.58	0.00
355	3.00	18.58	0.00
356	3.00	21.58	0.00
357	3.00	24.58	0.00
358	3.00	27.58	0.00
359	3.00	30.58	0.00
360	3.00	33.58	0.00
361	2.83	36.42	0.00
362	2.83	39.25	0.00
363	2.83	42.08	0.00
364	2.50	44.58	0.00
365	2.50	47.08	0.00

ESTIMATED DEG. DAYS (C) FOR DEC/82 = 91.22

1	2.50	49.58	0.00
2	2.50	52.08	0.00
3	2.50	54.58	0.00
4	2.25	56.83	0.00
5	2.00	58.83	0.00
6	2.00	60.83	0.00
7	1.58	62.42	0.00
8	1.50	63.92	0.00
9	1.50	65.42	0.00
10	1.33	66.75	0.00
11	1.00	67.75	0.00
12	1.00	68.75	0.00
13	1.17	69.92	0.00
14	1.50	71.42	0.00
15	1.50	72.92	0.00
16	1.50	74.42	0.00
17	1.25	75.67	0.00
18	1.00	76.67	0.00
19	1.00	77.67	0.00
20	1.00	78.67	0.00
21	1.00	79.67	0.00
22	1.00	80.67	0.00
23	1.00	81.67	0.00
24	1.00	82.67	0.00
25	1.00	83.67	0.00
26	1.00	84.67	0.00
27	1.00	85.67	0.00
28	1.00	86.67	0.00
29	1.00	87.67	0.00
30	0.92	88.58	0.00
31	0.50	89.08	0.00

TOTAL DEG. DAYS (C) FOR JAN/83 = 42.00

GARDEN COVE NFLD. ... CONTINUED

STATION 218 DEPTH 10.0 LATITUDE 47.84 LONGITUDE 54.16 START DEC 15, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
32	0.50	89.58	0.00
33	0.50	90.08	0.00
34	0.50	90.58	0.00
35	0.50	91.08	0.00
36	0.50	91.58	0.00
37	0.50	92.08	0.00
38	0.50	92.58	0.00
39	0.50	93.08	0.00
40	0.50	93.58	0.00
41	0.50	94.08	0.00
42	0.50	94.58	0.00
43	0.50	95.08	0.00
44	0.25	95.33	0.00
45	-0.08	95.33	0.00
46	-0.08	95.33	0.00
47	0.00	95.33	0.00
48	0.00	95.33	0.00
49	-0.17	95.33	0.00
50	-0.50	95.33	0.00
51	-0.50	95.33	0.00
52	-0.33	95.33	0.00
53	-0.58	95.33	0.00
54	-0.67	95.33	0.00
55	-0.67	95.33	0.00
56	-1.00	95.33	0.00
57	-1.00	95.33	0.00
58	-1.00	95.33	0.00
59	-1.00	95.33	0.00

TOTAL DEG. DAYS (C) FOR FEB/83 = 6.25

60	-1.00	95.33	0.00
61	-1.00	95.33	0.00
62	-1.00	95.33	0.00
63	-1.00	95.33	0.00
64	-1.00	95.33	0.00
65	-1.00	95.33	0.00
66	-1.00	95.33	0.00
67	-1.00	95.33	0.00
68	-1.00	95.33	0.00
69	-1.00	95.33	0.00
70	-1.00	95.33	0.00
71	-1.00	95.33	0.00
72	-1.00	95.33	0.00
73	-1.00	95.33	0.00
74	-1.00	95.33	0.00
75	-1.00	95.33	0.00
76	-1.00	95.33	0.00
77	-1.00	95.33	0.00
78	-1.00	95.33	0.00

GARDEN COVE NFLD. ... CONTINUED

STATION 218 DEPTH 10.0 LATITUDE 47.84 LONGITUDE 54.16 START DEC 16, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
79	-0.50	95.33	0.00
80	-0.50	95.33	0.00
81	-0.50	95.33	0.00
82	-0.50	95.33	0.00
83	-0.50	95.33	0.00
84	-0.50	95.33	0.00
85	-0.08	95.33	0.00
86	0.00	95.33	0.00
87	-0.42	95.33	0.00
88	-0.50	95.33	0.00
89	-0.50	95.33	0.00
90	-0.50	95.33	0.00

TOTAL DEG. DAYS (C) FOR MAR/83 = 0.00

91	-0.50	95.33	0.00
92	-0.50	95.33	0.00
93	-0.33	95.33	0.00
94	-0.50	95.33	0.00
95	-0.50	95.33	0.00
96	-0.50	95.33	0.00
97	-0.50	95.33	0.00
98	-0.50	95.33	0.00
99	-0.17	95.33	0.00
100	0.00	95.33	0.00
101	0.00	95.33	0.00
102	0.00	95.33	0.00
103	0.00	95.33	0.00
104	0.00	95.33	0.00
105	0.00	95.33	0.00
106	0.00	95.33	0.00
107	0.00	95.33	0.00
108	0.00	95.33	0.00
109	1.00	96.33	0.00
110	1.00	97.33	0.00
111	1.00	98.33	0.00
112	0.75	99.08	0.00
113	0.58	99.67	0.00
114	0.50	100.17	0.00
115	0.33	100.50	0.00
116	0.58	101.08	0.00
117	0.33	101.42	0.00
118	0.50	101.92	0.00
119	1.75	103.67	0.00
120	3.67	107.33	0.00

TOTAL DEG. DAYS (C) FOR APR/83 = 12.00

121	4.00	111.33	0.00
122	4.00	115.33	0.00

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
218	10.0	47.84	54.16	DEC 16, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
123	3.17	118.50	0.00
124	3.00	121.50	0.00
125	3.00	124.50	0.00
126	3.50	128.00	0.00
127	3.08	131.08	0.00
128	3.00	134.08	0.00
129	3.00	137.08	0.00
130	2.67	139.75	0.00

ESTIMATED DEG. DAYS (C) FOR MAY/83 = 100.49

GARDEN COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
210	10.0	47.84	54.16	MAY 10, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
130	3.00	3.00	0.00
131	3.17	6.17	0.00
132	3.75	9.92	0.00
133	3.17	13.08	0.00
134	3.00	16.08	0.00
135	3.00	19.08	0.00
136	3.00	22.08	0.00
137	3.00	25.08	0.00
138	3.17	28.25	0.00
139	3.67	31.92	0.00
140	4.58	36.50	0.58
141	5.92	42.42	2.50
142	5.75	48.17	4.25
143	5.42	53.58	5.67
144	3.83	57.42	6.00
145	3.50	60.92	6.00
146	3.67	64.58	6.00
147	3.67	68.25	6.00
148	2.92	71.17	6.00
149	3.25	74.42	6.00
150	4.00	78.42	6.00
151	4.08	82.50	6.17

ESTIMATED DEG. DAYS (0) FOR MAY/83 = 116.25

152	4.42	86.92	6.58
153	4.67	91.58	7.25
154	5.67	97.25	8.92
155	5.58	102.83	10.50
156	5.83	108.67	12.33
157	5.67	114.33	14.00
158	5.17	119.50	15.17
159	5.42	124.92	16.58
160	6.00	130.92	18.58
161	6.42	137.33	21.00
162	7.00	144.33	24.00
163	6.58	150.92	26.58
164	6.75	157.67	29.33
165	6.83	164.50	32.17
166	6.42	170.92	34.58
167	6.50	177.42	37.08
168	6.42	183.83	39.50
169	6.33	190.17	41.83
170	8.08	198.25	45.92
171	9.00	207.25	50.92
172	8.67	215.92	55.58
173	8.00	223.92	59.58
174	8.33	232.25	63.92
175	9.50	241.75	69.42
176	10.17	251.92	75.58

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
21C	10.0	47.84	54.16	MAY 10, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
177	10.33	262.25	81.92
178	9.83	272.08	87.75
179	9.83	281.92	93.58
180	10.17	292.08	99.75
181	10.42	302.50	106.17
TOTAL	DEG. DAYS (0) FOR JUNE/83 =	220.00	
182	11.67	314.17	113.83
183	12.25	326.42	122.08
184	12.33	338.75	130.42
185	11.33	350.08	137.75
186	11.83	361.92	145.58
187	12.75	374.67	154.33
188	13.00	387.67	163.33
189	12.50	400.17	171.83
190	12.83	413.00	180.67
191	13.33	426.33	190.00
192	12.92	439.25	198.92
193	12.42	451.67	207.33
194	13.08	464.75	216.42
195	14.00	478.75	226.42
196	13.83	492.58	236.25
197	14.33	506.92	246.58
198	15.42	522.33	258.00
199	16.50	538.83	270.50
200	15.67	554.50	282.17
201	15.67	570.17	293.83
202	15.00	585.17	304.83
203	15.33	600.50	316.17
204	16.00	616.50	328.17
205	16.33	632.83	340.50
206	16.00	648.83	352.50
207	15.50	664.33	364.00
208	15.00	679.33	375.00
209	15.17	694.50	386.17
210	16.00	710.50	398.17
211	16.00	726.50	410.17
212	16.00	742.50	422.17
TOTAL	DEG. DAYS (0) FOR JULY/83 =	440.00	
213	16.00	758.50	434.17
214	16.00	774.50	446.17
215	16.00	790.50	458.17
216	16.00	806.50	470.17
217	16.00	822.50	482.17
218	16.00	838.50	494.17
219	16.00	854.50	506.17
220	16.00	870.50	518.17

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
210	10.0	47.64	54.16	MAY 10, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
221	15.00	886.50	530.17
222	15.00	902.50	542.17
223	15.00	918.50	554.17
224	15.00	934.50	566.17
225	16.00	950.50	578.17
226	13.17	963.67	587.33
227	15.00	978.67	598.33
228	15.00	993.67	609.33
229	15.00	1008.67	620.33
230	15.00	1023.67	631.33
231	15.00	1038.67	642.33
232	15.00	1053.67	653.33
233	15.00	1068.67	664.33
234	15.00	1083.67	675.33
235	15.00	1098.67	686.33
236	14.83	1113.50	697.17
237	15.00	1128.50	708.17
238	15.00	1143.50	719.17
239	15.00	1158.50	730.17
240	15.00	1173.50	741.17
241	14.00	1187.50	751.17
242	14.00	1201.50	761.17
243	14.00	1215.50	771.17

TOTAL DEG. DAYS (C) FOR AUG/83 = 473.00

244	13.58	1229.08	780.75
245	12.75	1241.83	789.50
246	11.17	1253.00	796.67
247	12.83	1265.83	805.50
248	12.92	1278.75	814.42
249	12.92	1291.67	823.33
250	13.00	1304.67	832.33
251	13.00	1317.67	841.33
252	13.00	1330.67	850.33
253	12.50	1343.17	858.83
254	12.00	1355.17	866.83
255	12.00	1367.17	874.83
256	12.50	1379.67	883.33
257	12.50	1392.17	891.83
258	12.50	1404.67	900.33
259	12.42	1417.08	908.75
260	12.00	1429.08	916.75
261	12.00	1441.08	924.75
262	12.00	1453.08	932.75
263	12.00	1465.08	940.75
264	12.00	1477.08	948.75
265	12.00	1489.08	956.75
266	12.08	1501.17	964.83
267	12.50	1513.67	973.33

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
210	10.0	47.04	54.16	MAY 10, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
268	12.50	1526.17	981.83
269	12.50	1538.67	990.33
270	12.58	1551.25	998.92
271	12.83	1564.08	1007.75
272	12.42	1576.50	1016.17
273	11.83	1588.33	1024.00

TOTAL DEG. DAYS (0) FOR SEPT/83 = 372.83

274	10.83	1599.17	1030.83
275	10.83	1610.00	1037.67
276	11.08	1621.08	1044.75
277	11.67	1632.75	1052.42
278	12.00	1644.75	1060.42
279	12.00	1656.75	1068.42
280	12.00	1668.75	1076.42
281	11.83	1680.58	1084.25
282	11.50	1692.08	1091.75
283	11.50	1703.58	1099.25
284	11.50	1715.08	1106.75
285	11.17	1726.25	1113.92
286	11.00	1737.25	1120.92

ESTIMATED DEG. DAYS (0) FOR OCT/83 = 355.11

GARDEN COVE NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
210	10.0	47.44	54.16	MAY 10, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
130	3.00	3.00	0.00
131	3.00	6.00	0.00
132	3.00	9.00	0.00
133	3.00	12.00	0.00
134	2.50	14.50	0.00
135	2.33	16.83	0.00
136	3.00	19.83	0.00
137	3.00	22.83	0.00
138	3.17	26.00	0.00
139	3.33	29.33	0.00
140	4.08	33.42	0.08
141	5.50	38.92	1.58
142	5.33	44.25	2.92
143	5.00	49.25	3.92
144	3.67	52.92	4.25
145	3.00	55.92	4.25
146	3.50	59.42	4.25
147	3.75	63.17	4.25
148	3.42	66.58	4.33
149	3.17	69.75	4.33
150	3.83	73.58	4.33
151	3.42	77.00	4.33

ESTIMATED DEG. DAYS (O) FOR MAY/83 = 108.50

152	3.92	80.92	4.42
153	4.50	85.42	4.92
154	5.42	90.83	6.33
155	5.00	95.83	7.33
156	5.17	101.00	8.50
157	5.00	106.00	9.50
158	5.00	111.00	10.50
159	5.17	116.17	11.67
160	5.83	122.00	13.50
161	6.00	128.00	15.50
162	6.83	134.83	18.33
163	6.58	141.42	20.92
164	6.25	147.67	23.17
165	6.42	154.08	25.58
166	6.33	160.42	27.92
167	6.25	166.67	30.17
168	6.08	172.75	32.25
169	6.25	179.00	34.50
170	7.83	186.83	38.33
171	9.00	195.83	43.33
172	8.33	204.17	47.67
173	7.58	211.75	51.25
174	8.17	219.92	55.42
175	9.08	229.00	60.50
176	9.75	238.75	66.25

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
210	10.0	47.94	54.16	MAY 10, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
177	9.92	248.67	72.17
178	9.67	258.33	77.33
179	9.67	268.00	83.50
180	9.67	277.67	89.17
181	10.17	287.83	95.33
TOTAL	DEG. DAYS (0) FOR JUNE/83 =	210.83	
182	11.17	299.00	102.50
183	12.17	311.17	110.67
184	11.58	322.75	118.25
185	11.17	333.92	125.42
186	11.75	345.67	133.17
187	12.08	357.75	141.25
188	12.50	370.25	149.75
189	12.33	382.58	158.08
190	12.00	394.58	166.08
191	13.00	407.58	175.08
192	12.33	419.92	183.42
193	12.25	432.17	191.67
194	12.75	444.92	200.42
195	13.67	458.58	210.08
196	13.75	472.33	219.83
197	14.33	486.67	230.17
198	15.17	501.83	241.33
199	16.00	517.83	253.33
200	15.08	532.92	264.42
201	15.00	547.92	275.42
202	15.00	562.92	286.42
203	15.00	577.92	297.42
204	15.33	593.25	308.75
205	15.50	608.75	320.25
206	15.00	623.75	331.25
207	15.00	638.75	342.25
208	15.00	653.75	353.25
209	15.00	668.75	364.25
210	15.67	684.42	375.92
211	15.33	699.75	387.25
212	15.75	715.50	399.00
TOTAL	DEG. DAYS (0) FOR JULY/83 =	427.67	
213	15.50	731.00	410.50
214	16.00	747.00	422.50
215	15.58	762.58	434.08
216	15.50	778.08	445.58
217	15.50	793.58	457.08
218	15.83	809.42	468.92
219	16.00	825.42	480.92
220	16.00	841.42	492.92

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
210	10.0	47.84	54.16	MAY 10, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
221	16.00	857.42	504.92
222	15.58	873.00	514.50
223	15.50	888.50	529.00
224	15.00	903.50	539.00
225	15.00	918.50	550.00
226	12.83	931.33	558.83
227	14.33	945.67	569.17
228	15.00	960.67	580.17
229	14.67	975.33	590.83
230	14.50	989.83	601.33
231	14.25	1004.08	611.58
232	14.00	1018.08	621.58
233	14.08	1032.17	631.67
234	14.42	1046.58	642.08
235	14.00	1060.58	652.08
236	14.00	1074.58	662.08
237	14.00	1088.58	672.08
238	14.00	1102.58	682.08
239	14.00	1116.58	692.08
240	14.00	1130.58	702.08
241	13.08	1143.67	711.17
242	13.00	1156.67	720.17
243	13.00	1169.67	729.17

TOTAL DEG. DAYS (0) FOR AUG/83 = 454.17

244	13.00	1182.67	738.17
245	11.50	1194.17	745.67
246	10.08	1204.25	751.75
247	11.92	1216.17	759.67
248	12.00	1228.17	767.67
249	12.00	1240.17	775.67
250	12.00	1252.17	783.67
251	12.00	1264.17	791.67
252	12.00	1276.17	799.67
253	12.00	1288.17	807.67
254	12.00	1300.17	815.67
255	12.00	1312.17	823.67
256	12.00	1324.17	831.67
257	12.00	1336.17	839.67
258	12.00	1348.17	847.67
259	12.00	1360.17	855.67
260	11.83	1372.00	863.50
261	12.00	1384.00	871.50
262	12.00	1396.00	879.50
263	12.00	1408.00	887.50
264	12.00	1420.00	895.50
265	12.00	1432.00	903.50
266	12.00	1444.00	911.50
267	12.00	1456.00	919.50

GARDEN COVE NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
210	10.0	47.84	54.16	MAY 10, 1983 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
268	12.00	1468.00	927.50
269	12.00	1480.00	935.50
270	12.00	1492.00	943.50
271	12.00	1504.00	951.50
272	12.00	1516.00	959.50
273	11.50	1527.50	967.00

TOTAL DEG. DAYS (C) FOR SEPT/83 = 357.83

274	10.25	1537.75	973.25
275	10.00	1547.75	979.25
276	10.67	1558.42	985.92
277	11.00	1569.42	992.92
278	11.00	1580.42	999.92
279	11.00	1591.42	1006.92
280	11.00	1602.42	1013.92
281	11.00	1613.42	1020.92
282	11.00	1624.42	1027.92
283	11.00	1635.42	1034.92
284	11.00	1646.42	1041.92
285	10.50	1656.92	1048.42
286	10.50	1667.42	1054.92

ESTIMATED DEG. DAYS (C) FOR OCT/83 = 333.65

LITTLE BAY MORTIER NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
22	5.5	47.16	55.11	AUG 31, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
243	11.00	11.00	7.00
244	11.42	22.42	14.42
245	11.17	33.58	21.58
246	11.17	44.75	28.75
247	11.25	56.00	36.00
248	11.83	67.83	43.83
249	10.83	78.67	50.67
250	11.00	89.67	57.67
251	11.42	101.08	65.08
252	11.50	112.58	72.58
253	11.50	124.08	80.08
254	11.50	135.58	87.58
255	11.58	147.17	95.17
256	11.25	158.42	102.42
257	11.50	169.92	109.92
258	11.50	181.42	117.42
259	11.67	193.08	125.08
260	12.00	205.08	133.08
261	12.00	217.08	141.08
262	12.00	229.08	149.08
263	12.00	241.08	157.08
264	12.00	253.08	165.08
265	12.00	265.08	173.08
266	12.00	277.08	181.08
267	12.00	289.08	189.08
268	12.00	301.08	197.08
269	12.42	313.50	205.50
270	12.50	326.00	214.00
271	12.50	338.50	222.50
272	12.50	351.00	231.00
273	12.50	363.50	239.50

TOTAL DEG. DAYS (0) FOR SEPT/82 = 352.50

274	12.08	375.58	247.58
275	12.00	387.58	255.58
276	12.00	399.58	263.58
277	11.67	411.25	271.25
278	11.50	422.75	278.75
279	11.50	434.25	286.25
280	11.50	445.75	293.75
281	11.25	457.00	301.00
282	11.00	468.00	308.00
283	11.00	479.00	315.00
284	11.00	490.00	322.00
285	11.00	501.00	329.00
286	10.92	511.92	335.92
287	10.50	522.42	342.42
288	10.42	532.83	348.83
289	10.00	542.83	354.83

LITTLE BAY MORTIER NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
22	5.5	47.16	55.11	AUG 31, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
290	10.00	552.83	360.83
291	9.58	562.42	366.42
292	8.83	571.25	371.25
293	8.08	579.33	375.33
294	8.00	587.33	379.33
295	8.42	595.75	383.75
296	8.08	603.83	387.83
297	8.00	611.83	391.83
298	8.00	619.83	395.83
299	8.00	627.83	399.83
300	8.00	635.83	403.83
301	8.00	643.83	407.83
302	8.00	651.83	411.83
303	8.00	659.83	415.83
304	8.00	667.83	419.83
TOTAL	DEG. DAYS (C) FOR OCT/82 =	304.33	
305	7.75	675.58	423.58
306	7.50	683.08	427.08
307	7.50	690.58	430.58
308	7.50	698.08	434.08
309	7.50	705.58	437.58
310	7.50	713.08	441.08
311	7.50	720.58	444.58
312	7.50	728.08	448.08
313	7.50	735.58	451.58
314	7.17	742.75	454.75
315	7.00	749.75	457.75
316	7.00	756.75	460.75
317	7.00	763.75	463.75
318	7.00	770.75	466.75
319	7.00	777.75	469.75
320	7.00	784.75	472.75
321	7.00	791.75	475.75
322	7.00	798.75	478.75
323	6.92	805.67	481.67
324	6.58	812.25	484.25
325	6.50	818.75	486.75
326	6.50	825.25	489.25
327	6.50	831.75	491.75
328	6.50	838.25	494.25
329	6.50	844.75	496.75
330	6.42	851.17	499.17
331	6.00	857.17	501.17
332	6.00	863.17	503.17
333	6.00	869.17	505.17
334	5.75	874.92	506.92
TOTAL	DEG. DAYS (C) FOR NOV/82 =	207.08	

LITTLE BAY MORTIER NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
22	5.5	47.14	55.11	AUG 31, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
335	5.50	880.42	508.42
336	5.50	885.92	509.92
337	5.25	891.17	511.17
338	5.25	896.42	512.42
339	5.00	901.42	513.42
340	5.00	906.42	514.42
341	5.00	911.42	515.42
342	5.00	916.42	516.42
343	5.00	921.42	517.42
344	4.75	926.17	518.17
345	4.50	930.67	518.67
346	4.17	934.83	518.83
347	4.00	938.83	518.83
348	4.00	942.83	518.83
349	4.00	946.83	518.83
350	4.00	950.83	518.83
351	3.67	954.50	518.83
352	3.75	958.25	518.83
353	3.83	962.08	518.83
354	3.00	965.08	518.83
355	3.92	969.00	518.83
356	3.50	972.50	518.83
357	3.50	976.00	518.83
358	3.50	979.50	518.83
359	3.50	983.00	518.83
360	3.50	986.50	518.83
361	3.50	990.00	518.83
362	3.67	993.67	518.83
363	3.67	997.33	518.83
364	3.50	1000.83	518.83
365	3.50	1004.33	518.83

TOTAL DEG. DAYS (0) FOR DEC/82 = 129.42

1	3.50	1007.83	518.83
2	3.42	1011.25	518.83
3	3.42	1014.67	518.83
4	2.92	1017.58	518.83
5	2.83	1020.42	518.83
6	3.00	1023.42	518.83
7	2.67	1026.08	518.83
8	2.50	1028.58	518.83
9	2.33	1030.92	518.83
10	2.00	1032.92	518.83
11	2.25	1035.17	518.83
12	2.25	1037.42	518.83
13	2.50	1039.92	518.83
14	2.50	1042.42	518.83
15	2.50	1044.92	518.83
16	2.50	1047.42	518.83

LITTLE BAY MORTTER NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
22	5.5	47.14	55.11	AUG 31, 1982 20:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (J)	DEG. DAY (4)
17	2.17	1049.58	518.83
18	2.00	1051.58	518.83
19	2.00	1053.58	518.83
20	2.00	1055.58	518.83
21	2.00	1057.58	518.83
22	2.00	1059.58	518.83
23	1.83	1061.42	518.83
24	1.83	1063.25	518.83
25	1.83	1065.08	518.83
26	1.50	1066.58	518.83
27	1.50	1068.08	518.83
28	1.50	1069.58	518.83
29	1.50	1071.08	518.83
30	1.00	1072.08	518.83
31	1.00	1073.08	519.83

TOTAL DEG. DAYS (D) FOR JAN/83 = 68.75

32	1.00	1074.08	518.83
33	0.92	1075.00	518.83
34	1.00	1076.00	518.83
35	1.00	1077.00	518.83
36	1.00	1078.00	518.83
37	1.00	1079.00	518.83
38	1.00	1080.00	518.83

HEADWATER POND NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
23	1.0	48.28	55.49	MAY 18, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
138	10.00	10.00	6.00
139	10.17	20.17	12.17
140	11.00	31.17	19.17
141	12.00	43.17	27.17
142	11.42	54.58	34.58
143	10.75	65.33	41.33
144	8.83	74.17	46.17
145	8.50	82.67	50.67
146	9.92	92.58	56.58
147	8.83	101.42	61.42
148	11.17	112.58	68.58
149	11.33	123.92	75.92
150	10.75	134.67	82.67
151	10.25	144.92	88.92

ESTIMATED DEG. DAYS (C) FOR MAY/83 = 320.89

152	10.00	154.92	94.92
153	10.25	165.17	101.17
154	11.17	176.33	108.33
155	12.08	188.42	116.42
156	12.83	201.25	125.25
157	12.50	213.75	133.75
158	14.50	228.25	144.25
159	15.17	243.42	155.42
160	15.67	259.08	167.08
161	15.33	274.42	178.42
162	15.33	289.75	189.75
163	15.00	304.75	200.75
164	15.08	319.83	211.83
165	14.67	334.50	222.50
166	14.75	349.25	233.25
167	15.50	364.75	244.75
168	13.92	378.67	254.67
169	13.75	392.42	264.42
170	17.17	409.58	277.58
171	18.17	427.75	291.75
172	17.00	444.75	304.75
173	16.00	460.75	316.75
174	16.50	477.25	329.25
175	16.75	494.00	342.00
176	17.33	511.33	355.33
177	18.58	529.92	369.92
178	19.42	549.33	385.33
179	19.15	568.48	400.48
180	17.83	586.32	414.32
181	17.00	603.32	427.32

TOTAL DEG. DAYS (C) FOR JUNE/83 = 458.40

HEADWATER POND NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
23	1.0	48.28	55.49	MAY 19, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
182	18.25	621.57	441.57
183	18.33	639.90	455.90
184	18.08	657.98	469.98
185	17.00	674.98	482.98
186	18.75	693.73	497.73
187	20.42	714.15	514.15
188	21.25	735.40	531.40
189	20.25	755.65	547.65
190	19.33	774.98	562.98
191	18.33	793.32	577.32
192	17.92	811.23	591.23
193	19.17	830.40	606.40
194	19.08	849.48	621.48
195	19.25	868.73	636.73
196	20.33	889.07	653.07
197	19.75	908.82	668.82
198	18.83	927.65	683.65
199	17.83	945.48	697.48
200	16.58	962.07	710.07
201	17.42	979.48	723.48
202	17.50	996.98	736.98
203	17.33	1014.32	750.32
204	19.00	1033.32	765.32
205	18.75	1052.07	780.07
206	19.58	1071.65	795.65
207	20.08	1091.73	811.73
208	19.17	1109.90	825.90
209	17.58	1127.48	839.48
210	18.00	1145.48	853.48
211	19.83	1164.32	868.32
212	18.08	1182.40	882.40

TOTAL DEG. DAYS (0) FOR JULY/83 = 579.08

213	18.08	1200.48	896.48
214	18.33	1218.82	910.82
215	18.17	1236.98	924.98
216	18.75	1255.73	939.73
217	18.00	1273.73	953.73
218	17.67	1291.40	967.40
219	18.00	1309.40	981.40
220	18.58	1327.98	995.98
221	19.25	1347.23	1011.23
222	19.00	1366.23	1026.23
223	18.75	1384.98	1040.98
224	17.42	1402.40	1054.40
225	16.75	1419.15	1067.15
226	15.83	1434.98	1078.98
227	16.92	1451.90	1091.90
228	18.17	1470.07	1106.07

HEADWATER POND NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
23	1.0	48.2°	55.49	MAY 19, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
229	19.33	1489.40	1121.40
230	20.00	1509.40	1137.40
231	17.67	1527.07	1151.07
232	16.67	1543.73	1163.73
233	17.08	1560.82	1176.82
234	16.33	1577.15	1189.15
235	15.50	1592.65	1200.65
236	15.00	1607.65	1211.65
237	14.67	1622.32	1222.32
238	15.25	1637.57	1233.57
239	16.00	1653.57	1245.57
240	14.67	1668.23	1256.23
241	13.17	1681.40	1265.40
242	13.75	1695.15	1275.15
243	13.67	1708.82	1284.82

TOTAL DEG. DAYS (0) FOR AUG/83 = 526.42

244	14.00	1722.82	1294.82
245	13.08	1735.90	1303.90
246	13.00	1748.90	1312.90
247	13.00	1761.90	1321.90
248	14.08	1775.98	1331.98
249	15.33	1791.32	1343.32
250	16.50	1807.82	1355.82
251	16.83	1824.65	1368.65
252	17.17	1841.82	1381.82
253	15.33	1857.15	1393.15
254	13.67	1870.82	1402.82
255	13.50	1884.32	1412.32
256	14.42	1898.73	1422.73
257	15.00	1913.73	1433.73
258	14.67	1928.40	1444.40
259	12.92	1941.32	1453.32
260	12.42	1953.73	1461.73
261	12.25	1965.98	1469.98
262	12.00	1977.98	1477.98
263	12.42	1990.40	1486.40
264	13.08	2003.48	1495.48
265	13.50	2016.98	1504.98
266	15.67	2032.65	1516.65
267	16.00	2048.65	1528.65
268	15.17	2063.82	1539.82
269	14.08	2077.90	1549.90
270	14.00	2091.90	1559.90
271	13.33	2105.23	1569.23
272	12.17	2117.40	1577.40
273	11.42	2128.82	1584.82

TOTAL DEG. DAYS (0) FOR SEPT/83 = 420.00

HEADWATER POND NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
23	1.0	48.28	55.49	MAY 18, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
274	10.17	2138.98	1590.98
275	10.09	2149.07	1597.07
276	11.00	2160.07	1604.07
277	12.00	2172.07	1612.07

SPRUCE POND NFLD.

STATION	DEPTH	LATITUDE	LONGITUDE	START
24	1.0	48.32	55.47	MAY 18, 1983 14:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (O)	DEG. DAY (4)
138	10.00	10.00	6.00
139	9.67	19.67	11.67
140	10.42	30.08	18.08
141	11.42	41.50	25.50
142	11.17	52.67	32.67
143	10.67	63.33	39.33
144	8.83	72.17	44.17
145	8.25	80.42	48.42
146	8.83	89.25	53.25
147	8.25	97.50	57.50
148	10.00	107.50	63.50
149	10.83	118.33	70.33
150	10.17	128.50	76.50
151	10.00	138.50	82.50

ESTIMATED DEG. DAYS (O) FOR MAY/83 = 304.68

152	9.83	148.33	88.33
153	10.25	158.58	94.58
154	11.17	169.75	101.75
155	12.33	182.08	110.08
156	12.83	194.92	118.92
157	12.25	207.17	127.17
158	13.67	220.83	136.83
159	15.17	236.00	148.00
160	15.33	251.33	159.33
161	14.67	266.00	170.00
162	15.17	281.17	181.17
163	14.67	295.83	191.83
164	14.83	310.67	202.67
165	14.42	325.08	213.08
166	14.83	339.92	223.92
167	15.67	355.58	235.58
168	13.67	369.25	245.25
169	12.83	382.08	254.08
170	14.00	398.08	266.08
171	17.42	415.50	279.50
172	16.75	432.25	292.25
173	15.42	447.67	303.67
174	15.75	463.42	315.42
175	16.08	479.50	327.50
176	16.75	496.25	340.25
177	18.00	514.25	354.25
178	18.58	532.83	366.83
179	18.67	551.50	383.50
180	17.50	569.00	397.00
181	16.08	585.08	409.08

TOTAL DEG. DAYS (O) FOR JUNE/83 = 446.58

SPRUCE POND NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
24	1.0	48.32	55.47	MAY 18, 1983 16:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (C)	DEG. DAY (F)
182	17.58	602.67	422.67
183	17.58	620.25	436.25
184	17.00	637.25	449.25
185	15.58	652.83	460.83
186	17.58	670.42	474.42
187	19.50	689.92	489.92
188	21.00	710.92	504.92
189	20.00	730.92	522.92
190	19.17	750.08	538.08
191	17.67	767.75	551.75
192	17.17	784.92	564.92
193	18.42	803.33	579.33
194	19.00	822.33	594.33
195	19.08	841.42	609.42
196	20.00	861.42	625.42
197	19.75	881.17	641.17
198	19.17	900.33	656.33
199	18.00	918.33	670.33
200	16.00	934.33	682.33
201	16.50	950.83	694.83
202	17.00	967.83	707.83
203	17.00	984.83	720.83
204	17.92	1002.75	734.75
205	18.42	1021.17	749.17
206	19.00	1040.17	764.17
207	19.08	1059.25	779.25
208	17.17	1076.42	792.42
209	17.08	1093.50	805.50
210	17.33	1110.83	818.83
211	18.33	1129.17	833.17
212	17.75	1146.92	846.92
TOTAL	DEG. DAYS (C) FOR JULY/83 =	561.83	
213	17.42	1164.33	860.33
214	17.33	1181.67	873.67
215	17.17	1198.83	886.83
216	18.00	1216.83	900.83
217	17.08	1233.92	913.92
218	17.25	1251.17	927.17
219	17.25	1268.42	940.42
220	18.17	1286.58	954.58
221	18.42	1305.00	969.00
222	18.08	1323.08	983.08
223	18.25	1341.33	997.33
224	16.58	1357.92	1009.92
225	16.00	1373.92	1021.92
226	15.33	1389.25	1033.25
227	16.17	1405.42	1045.42
228	17.25	1422.67	1058.67

SPRUCE POND NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
24	1.0	48.32	55.47	MAY 19, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
229	18.67	1441.33	1073.33
230	19.33	1460.67	1088.67
231	17.17	1477.83	1101.83
232	16.08	1493.92	1113.92
233	16.42	1510.33	1126.33
234	15.58	1525.92	1137.92
235	15.00	1540.92	1148.92
236	14.33	1555.25	1159.25
237	14.17	1569.42	1169.42
238	14.83	1584.25	1180.25
239	15.50	1599.75	1191.75
240	14.42	1614.17	1202.17
241	12.58	1626.75	1210.75
242	12.33	1639.08	1219.08
243	13.08	1652.17	1228.17

TOTAL DEG. DAYS (0) FOR AUG/83 = 505.25

244	13.67	1665.83	1237.83
245	12.67	1678.50	1246.50
246	12.50	1691.00	1255.00
247	12.50	1703.50	1263.50
248	13.17	1716.67	1272.67
249	15.00	1731.67	1283.67
250	16.00	1747.67	1295.67
251	16.42	1764.08	1308.08
252	17.17	1781.25	1321.25
253	15.00	1796.25	1332.25
254	12.75	1809.00	1341.00
255	12.92	1821.92	1349.92
256	14.25	1836.17	1360.17
257	14.17	1850.33	1370.33
258	14.00	1864.33	1380.33
259	12.58	1876.92	1388.92
260	12.25	1889.17	1397.17
261	12.17	1901.33	1405.33
262	12.00	1913.33	1413.33
263	12.58	1925.92	1421.92
264	13.00	1938.92	1430.92
265	13.50	1952.42	1440.42
266	15.75	1968.17	1452.17
267	16.00	1984.17	1464.17
268	15.33	1999.50	1475.50
269	14.25	2013.75	1485.75
270	13.67	2027.42	1495.42
271	13.17	2040.58	1504.58
272	11.92	2052.50	1512.50
273	11.17	2063.67	1519.67

TOTAL DEG. DAYS (0) FOR SEPT/83 = 411.50

SPRUCE POND NFLD. ... CONTINUED

STATION	DEPTH	LATITUDE	LONGITUDE	START
24	1.0	48.32	58.47	MAY 19, 1983 15:00 GMT

DAY NUMBER	MEAN TEMP.	DEG. DAY (0)	DEG. DAY (4)
274	9.50	2073.17	1525.17
275	9.67	2082.83	1530.83
276	11.08	2093.92	1537.92
277	12.40	2106.32	1546.32